

PRODUCT CATALOGUE

Unmanaged Industrial PoE Media Converter Unmanaged Industrial PoE Switch









☑IEEE 802.3af/at Standard☑IP40 Rated Dust Protection☑44-57VDC Wide Range Input



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LV-IPS0101F Series

1*10/100Base-TX to 1*100Base-FX
Compact Industrial PoE Media Converter



Features:

- >1*10/100Base-TX RJ45 PoE port, 1*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). LFP, 2). Flow Control, 3). 250m long distance, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0101F is the unmanaged industrial grade PoE media converter with 1-port 10/100Base-TX PoE and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with LFP, flow control, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0101F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports
Interface	1		1	
meenace	1*10/100Base-TX RJ45 P	1*10/100Base-TX RJ45 PoE port		
	1*100Base-FX SC/SFP(FC	•	l) fiber port	
	IEEE 802.3 10Base-T Ethe	ernet		
	IEEE 802.3u Fast Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over		CE(D-E.)	
	IEEE 802.3at Power Over 1). LFP	Ethernet plus P	SE(POE+)	
	2). Flow control			
Dip Switch	3). 250m long distance m	node		
	4). PoE watchdog			
	P(Power indicator)	OLV: the device is power off or failed		or failed
	Green	On: the device	power on is r	normal
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
		On: total PoE usage≥rated90%		
LED Indicators		Green indicato	rs	Yellow indicators
ELD Maleutors	1(Copper ports)	OLV: ports link	down	OLV: PoE not working
	1(000001 00110)	On: ports link	nb	On: PoE working
		Blinking: data	on TX/RX	o oz working
		OLV: ports link down		
	2(Fiber ports) Green	On: ports link up		
		Blinking: data on TX/RX		
	Power Pa	rameters		
Input voltage	44-57VDC, redundant power input			
Input current	0.75A Max			
Total power consumption	Full loading without PoE≤2W PoE power budget ≤30W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			

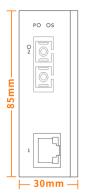


Over-voltage protection	Support		
Switching Features			
Switching capacity	1.0G		
Packet forwarding rate 0.744 Mpps			
MAC address table	le 2K		
VLAN	2K		
Buffer	1M		
Forwarding delay	<10us		
Jumbo frame	Support 10Kbytes		
MDX/MIDX	Support		
Watchdog	Support		
	Network Topology		
Star topology	Support		
Bus topology	Support		
Tree topology	Support		
	Mechanical Structure		
Case protection	IP40		
Installation method	DIN-Rail		
Dimension(W*D*H)mm	30*85*85mm		
Weight	0.35 kg		
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)		
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6		
Certification	CE, FCC, RoHS		
Warranty	5 years		

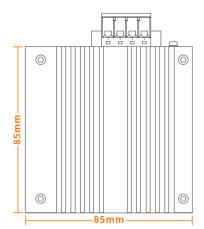


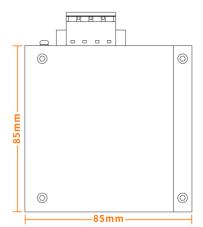
Structure Diagram:

SC/FC/ST Interface

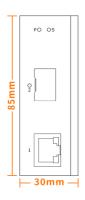




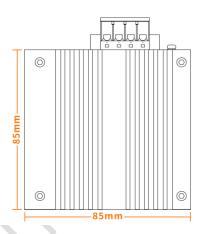


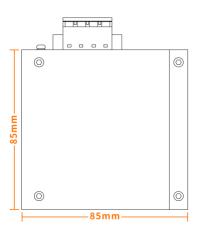


SFP Interface









Model No.	Description
LV-IPS0101F -SFP	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE port and 1*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS0101F -SC	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE port and 1*100Base-FX SC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS0101F -FC	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE port and 1*100Base-FX FC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS0101F -ST	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE port and 1*100Base-FX ST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0102F Series

2*10/100Base-TX to 1*100Base-FX
Compact Industrial PoE Media Converter



















Features:

- >2*10/100Base-TX RJ45 PoE port, 1*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). Flow Control, 3). 250m long distance, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0102F is the unmanaged industrial grade PoE media converter with 2-port 10/100Base-TX PoE and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring withport isolation, flow control, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0102F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports
Interface	1		2	
meriace	2*10/100Base-TX RJ45 P	2*10/100Base-TX RJ45 PoE port		
	1*100Base-FX SC/SFP(FC	•	l) fiber port	
	IEEE 802.3 10Base-T Ethe			
	IEEE 802.3u Fast Ethernet			
Standard	IEEE 802.3x Full-Duplex F	Flow Control		
	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over			
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)	
	1). Port isolation			
Dip Switch	2). Flow control	ando		
	3). 250m long distance mode 4). PoE watchdog			
	P(Power indicator)	OLV: the device	OLV: the device is power off or failed	
	Green	On: the device	power on is r	normal
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
		On: total PoE usage≥rated90%		
LED Indicators		Green indicato	rs	Yellow indicators
LED marcators	1-2(Copper ports)	OLV: ports link	down	OLV: PoE not working
	1 2(copper ports)	On: ports link	nb	On: PoE working
		Blinking: data	on TX/RX	om of working
		OLV: ports link down		
	3(Fiber ports) Green	On: ports link up		
		Blinking: data on TX/RX		
	Power Pa	arameters		
Input voltage	44-57VDC, redundant power input			
Input current	1.5A Max			
Total power consumption	Full loading without PoE≤2.5W PoE power budget ≤60W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			

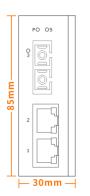


Over-voltage protection	Support		
Switching Features			
Switching capacity	1.0G		
Packet forwarding rate 0.744 Mpps			
MAC address table	le 2K		
VLAN	2K		
Buffer	1M		
Forwarding delay	<10us		
Jumbo frame	Support 10Kbytes		
MDX/MIDX	Support		
Watchdog	Support		
	Network Topology		
Star topology	Support		
Bus topology	Support		
Tree topology	Support		
	Mechanical Structure		
Case protection	IP40		
Installation method	DIN-Rail		
Dimension(W*D*H)mm	30*85*85mm		
Weight	0.35 kg		
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)		
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6		
Certification	CE, FCC, RoHS		
Warranty	5 years		

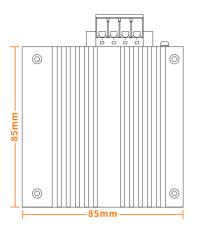


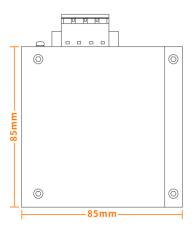
Structure Diagram:

SC/FC/ST Interface



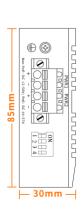


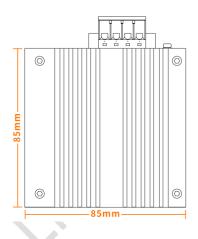


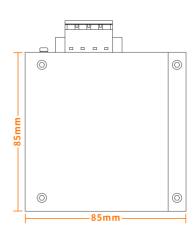


SFP Interface









Model No.	Description
LV-IPS0102F -SFP	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE port and 1*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS0102F -SC	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE port and 1*100Base-FX SC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS0102F -FC	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE port and 1*100Base-FX FC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS0102F -ST	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE port and 1*100Base-FX ST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0202F Series

2*10/100Base-TX to 2*100Base-X
Compact Industrial PoE Media Converter



Features:

- >2*10/100Base-TX RJ45 PoE port, 2*100Base-X SFP slot.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- ➤ Dip switch function: 1). Fiber redundant, 2). Flow Control, 3). 250m long distance, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- \triangleright Operating temperature: -40 °C to 75 °C.

Overview:

The Link Vue LV-IPS0202F is the unmanaged industrial grade PoE media converter with 2-port 10/100Base-TX PoE and 2-port 100Base-X SFP slot. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with fiber redundant, flow control, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel. LV-IPS0202F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



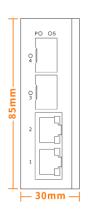
	Fiber port		Co	opper RJ45 ports	
Interface	2		2		
2*10/100Base-TX RJ45 PoE		oE port			
	2*100Base-X SFP slot				
	IEEE 802.3 10Base-T Ethernet				
	IEEE 802.3u Fast Ethernet				
Standard	IEEE 802.3x Full-Duplex Flow Control				
	IEEE 802.3az Energy Efficient Ethernet				
	IEEE 802.3af Power-Over		05/0 5)		
	IEEE 802.3at Power Over	Ethernet plus P	SE(POE+)		
	1). Fiber redundant 2). Flow control				
Dip Switch		node			
	4). PoE watchdog	3). 250m long distance mode 4) PoF watchdog			
	P(Power indicator)	OLV: the device	OLV: the device is power off or failed		
	Green	On: the device	power on is i	normal	
		OLV: total PoE usage <rated50%< td=""></rated50%<>			
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%			
LED Indicators		Green indicato	rs	Yellow indicators	
ELD Maleutors	1-2(Copper ports)	OLV: ports link	down	OLV: PoE not working	
	(00ppo: po: 00)	On: ports link	up	On: PoE working	
		Blinking: data	on TX/RX	om roz working	
		OLV: ports link down			
	3-4(Fiber ports) Green	On: ports link up			
		Blinking: data on TX/RX			
	Power Parameters				
Input voltage	44-57VDC, redundant power input				
Input current	1.5A Max				
Total power consumption	Full loading without PoE≤3W PoE power budget ≤60W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				

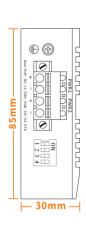


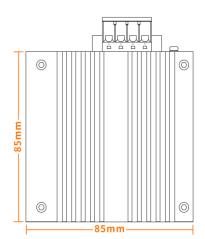
Over-voltage protection	Support		
Switching Features			
Switching capacity	1.0G		
Packet forwarding rate 0.744 Mpps			
MAC address table	2K		
VLAN	2K		
Buffer	1M		
Forwarding delay	<10us		
Jumbo frame	Support 10Kbytes		
MDX/MIDX	Support		
Watchdog	Support		
	Network Topology		
Star topology	Support		
Bus topology	Support		
Tree topology Support			
	Mechanical Structure		
Case protection	IP40		
Installation method	DIN-Rail		
Dimension(W*D*H)mm	30*85*85mm		
Weight	0.35 kg		
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)		
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6		
Certification	CE, FCC, RoHS		
Warranty	5 years		

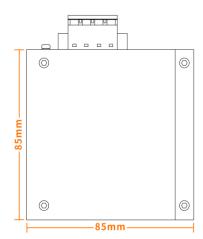


Structure Diagram:









	Model No.	Description
I	LV-IPS0202F -SFP	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE port and 2*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)



LV-IPS0101G Series

1*10/100/1000Base-TX to 1*1000Base-FX
Compact Industrial PoE Media Converter



Features:

- >1*10/100/1000Base-TX RJ45 PoE port, 1*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). LFP, 2). Fiber port 100/1000M selection, 3). 250m long distance, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- ightharpoonupOperating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.

Overview:

The Link Vue LV-IPS0101G is the unmanaged industrial grade PoE media converter with 1-port 10/100/1000Base-TX PoE and 1-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with LFP, fiber port 100/1000M selection, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0101G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports
Interface 1			1	
interrace	1*10/100/1000Base-TX	RI45 PoF port		
	1*1000Base-FX SC/SFP(F		al) fiber port	
	IEEE 802.3 10Base-T Ethe		, p	
	IEEE 802.3u Fast Ethernet			
	IEEE 802.3ab Gigabit Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over	r-Ethernet(PoE)		
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)	
	1). LFP	1 coloction		
Dip Switch	2). Fiber port 100/1000N3). 250m long distance n			
	4). PoE watchdog	Touc		
	P(Power indicator)	OLV: the device	e is power off	or failed
	Green	On: the device	power on is i	normal
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
		On: total PoE usage≥rated90%		
LED Indicators		Green indicato	rs	Yellow indicators
LED INGICATORS	1(Copper ports)	OLV: ports link	down	OLV: PoE not working
	T(copper ports)	On: ports link	qu	On: PoE working
		Blinking: data	on TX/RX	
		OLV: ports link	down	
	2(Fiber ports) Green	On: ports link up		
		Blinking: data on TX/RX		
	Power Pa	arameters		
Input voltage	44-57VDC, redundant power input			
Input current	0.75A Max			
Total power consumption	Full loading without PoE≤2W PoE power budget ≤30W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	ection Support			

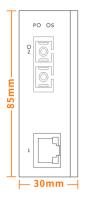


Over-voltage protection	Support			
Switching Features				
Switching capacity	2.0G			
Packet forwarding rate	2.97 Mpps			
MAC address table 8K				
VLAN	4K			
Buffer	1M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Bus topology Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*85*85mm			
Weight	0.35 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

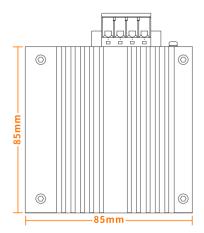


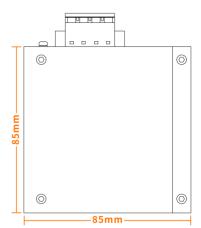
Structure Diagram:

SC/FC/ST Interface

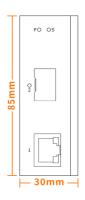


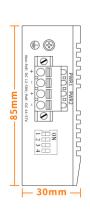


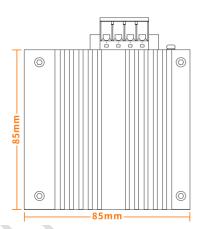


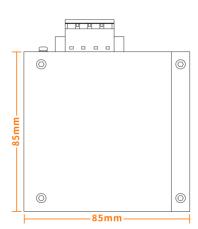


SFP Interface









Model No.	Description
LV-IPS010 1G-SFP	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS010 1G-SC	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 1G-FC	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 1G-ST	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0102G Series

2*10/100/1000Base-TX to 1*1000Base-FX
Compact Industrial PoE Media Converter



Features:

- >2*10/100/1000Base-TX RJ45 PoE port, 1*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). Fiber port 100/1000M selection, 3). 250m long distance, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- ➤ IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- ▶ Operating temperature: -40° \mathbb{C} to 75° \mathbb{C} .

Overview:

The Link Vue LV-IPS0102G is the unmanaged industrial grade PoE media converter with 2-port 10/100/1000Base-TX PoE and 1-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, fiber port 100/1000M selection, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0102G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



				DIAE :		
	Fiber port ce 1		C	opper RJ45 ports		
Interface			2			
	2*10/100/1000Base-TX RJ45 PoE port					
	1*1000Base-FX SC/SFP(FC or ST is optional) fiber port					
	IEEE 802.3 10Base-T Ethernet					
	IEEE 802.3u Fast Ethernet					
	IEEE 802.3ab Gigabit Ethernet					
Standard	IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet					
		IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)				
	1). Port isolation	Lineinet plus r	JL(FUL+)			
Din Switch	2). Fiber port 100/1000N	∕I selection				
Dip Switch	3). 250m long distance n	node				
	4). PoE watchdog					
	P(Power indicator)	OLV: the device	e is power off	or failed		
	Green	On: the device power on is normal				
		OLV: total PoE usage <rated50%< td=""></rated50%<>				
	S(PoE usage indicator)					
	Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>				
		On: total PoE ι	ısage≥rated90%			
LED Indicators		Green indicato	rs	Yellow indicators		
	1-2(Copper ports)	OLV: ports link	down	OLV: PoE not working		
	1 2(60)	On: ports link	nb	On: PoE working		
		Blinking: data	on TX/RX	On roc working		
		OLV: ports link down				
	3(Fiber ports) Green	On: ports link up				
		Blinking: data on TX/RX				
Power Parameters						
Input voltage 44-57VDC, redundant power input						
Input current	1.5A Max					
Total power consumption	Full loading without PoE≤2.5W PoE power budget ≤60W					
Connector	Removable 4-pin terminal block					
Reverse polarity protection Support						

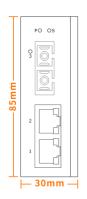


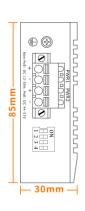
Over-voltage protection	Support			
Switching Features				
Switching capacity	6.0G			
Packet forwarding rate	8.92 Mpps			
MAC address table	8K			
VLAN	4K			
Buffer	1M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*85*85mm			
Weight	0.35 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

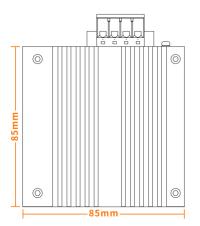


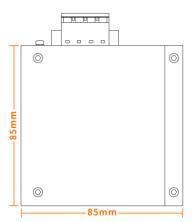
Structure Diagram:

SC/FC/ST Interface

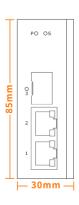


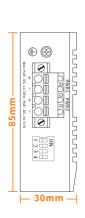


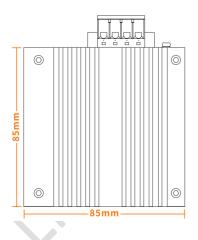


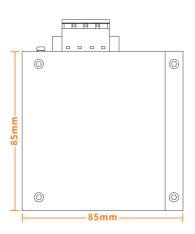


SFP Interface









Model No.	Description
LV-IPS010 2G-SFP	Unmanaged industrial PoE media converter, $2*10/100/1000Base-TX$ PoE port and $1*1000Base-X$ SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 $^{\circ}$ C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS010 2G-SC	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE port and 1*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 2G-FC	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE port and 1*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 2G-ST	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE port and 1*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0202G Series

2*10/100/1000Base-TX to 2*1000Base-X
Compact Industrial PoE Media Converter

















Features:

- >2*10/100/1000Base-TX RJ45 PoE port, 2*1000Base-X SFP slot.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Fiber redundant, 2). Fiber port 100/1000M selection, 3). 250m long distance, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- ➤ IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*85*85mm).
- ▶ Operating temperature: -40° \mathbb{C} to 75° \mathbb{C} .

Overview:

The Link Vue LV-IPS0202G is the unmanaged industrial grade PoE media converter with 2-port 10/100/1000Base-TX PoE and 2-port 1000Base-X SFP slot. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with fiber redundant, fiber port 100/1000M selection, 250m long distance transmission mode and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0202G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



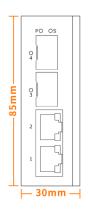
				DIAE :		
	Fiber port		Copper RJ45 ports			
Interface	2		2			
	2*10/100/1000Base-TX RJ45 PoE port					
	2*1000Base-X SFP slot					
	IEEE 802.3 10Base-T Ethernet					
	IEEE 802.3u Fast Etherne					
	IEEE 802.3ab Gigabit Ethernet					
Standard	IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet					
		IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)				
	1). Fiber redundant	Linernet plus r	JL(FUL+)			
Din Switch	2). Fiber port 100/1000N	∕I selection				
Dip Switch	3). 250m long distance n	node				
	4). PoE watchdog					
	P(Power indicator)	OLV: the device	e is power off	or failed		
	Green	On: the device power on is normal				
		OLV: total PoE usage <rated50%< td=""></rated50%<>				
	S(PoE usage indicator)					
	Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>				
		On: total PoE ι	usage≥rated90%			
LED Indicators	1-2(Copper ports)	Green indicato	rs	Yellow indicators		
		OLV: ports link	down	OLV: PoE not working		
	1 2(60)	On: ports link	nb	On: PoE working		
		Blinking: data	on TX/RX	On. FOE WORKING		
		OLV: ports link down				
	3-4(Fiber ports) Green	On: ports link up				
		Blinking: data on TX/RX				
	Power Parameters					
Input voltage 44-57VDC, redundant power input						
Input current	1.5A Max					
Total power consumption	Full loading without PoE≤3W PoE power budget ≤60W					
Connector	Removable 4-pin terminal block					
Reverse polarity protection Support						



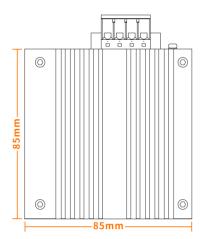
Over-voltage protection	Support			
Switching Features				
Switching capacity	8.0G			
Packet forwarding rate	11.9 Mpps			
MAC address table	8K			
VLAN	4K			
Buffer	1M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*85*85mm			
Weight	0.35 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

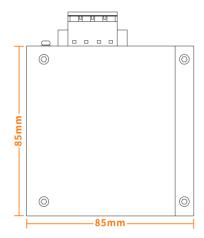


Structure Diagram:









Model No.	Description
LV-IPS0202G-S FP	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE port and 2*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)



LV-IPS0005F Series

5*10/100Base-TX Unmanaged Industrial PoE Switch with 4-port PoE/PoE+



















Features:

- ► 4*10/100Base-TX RJ45 PoE port, 1*10/100Base-TX RJ45 uplink port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1).Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- ➤ Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IPS0005F is the unmanaged industrial grade PoE switch with 4-port 10/100Base-TX PoE downlink and 1-port 10/100Base-TX RJ45 uplink. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0005F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



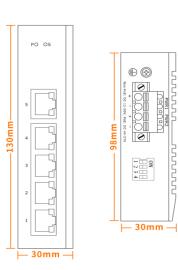
	Fiber port		Copper RJ45 ports	
Interface	0		5	
	4*10/100Base-TX PoE port, 1*10/100Base-TX RJ45 uplink port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)			
Dip Switch	 Port isolation 250m long distance mode QoS PoE watchdog 			
	D/D	OLV: the device	e is power o	off or failed
	P(Power indicator) Green	On: the device power on is normal		
	S(PoE usage indicator) Red	OLV: total PoE usage <rated50%< td=""></rated50%<>		
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
		On: total PoE usage≥rated90%		
	1.1(5)	Green indicate	ors	Yellow indicators
LED Indicators		OLV: ports link	down	OLV: PoE not working
	1-4(Copper ports)	On: ports link	up	On: PoE working
		Blinking: data	on TX/RX	On. FOE WORKING
		Green indicato	ors	Yellow indicators
	5(Copper ports)	OLV: ports link	k down	OLV: port speed is 10M
	S(copper ports)	On: ports link	up	On: port speed is 100M
		Blinking: data	on TX/RX	On. port speed is 100ivi
Power Parameters				
Input voltage	t voltage 44-57VDC, redundant power input			
Input current	3A Max			
Total power consumption	Full loading without PoE ≤4W			
Connector	PoE power budget ≤120W			
Connector Removable 4-pin terminal block				

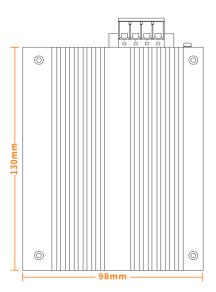


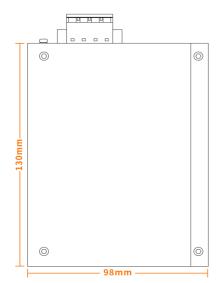
Reverse polarity protection	Support				
Over-voltage protection	Support				
Switching Features					
Switching capacity	1.0G				
Packet forwarding rate	1.48 Mpps				
MAC address table	2K				
VLAN	2K				
Buffer	2M				
Forwarding delay	<10us				
Jumbo frame	Support 2Kbytes				
MDX/MIDX	Support				
Watchdog	Support				
	Network Topology				
Star topology	Support				
Bus topology	Support				
Tree topology	Support				
	Mechanical Structure				
Case protection	IP40				
Installation method	DIN-Rail				
Dimension(W*D*H)mm	30*98*130mm				
Weight	0.55 kg				
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)				
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6				
Certification	CE, FCC, RoHS				
Warranty	5 years				



Structure Diagram:







Model No.	Description
LV-IPS0005F	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port + 1*10/100Base-TX RJ45 uplink port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature



LV-IPS0008F Series

8*10/100Base-TX Unmanaged Industrial PoE Switch



Features:

- ▶8*10/100Base-TX RJ45 PoE port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- ➤ Dip switch function: 1).Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- ➤ IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- ➤ Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IPS0008F is the unmanaged industrial grade PoE switch with 8-port 10/100Base-TX PoE. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring withport isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0008F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



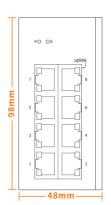
	Fiber port		Co	opper RJ45 ports
Interface	0		8	
	8*10/100Base-TX PoE port			
	IEEE 802.310Base-TEthernet			
	IEEE 802.3u Fast Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
Standard	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over-Ethernet(PoE)			
	IEEE 802.3at Power Over Etl	nernet plus PSE	(PoE+)	
	1). Port isolation			
Dip Switch	2). 250m long distance mod	е		
	3). QoS			
	4). PoE watchdog			
	D/Dower indicator) Cross	OLV: the device is power off or failed		
	P(Power indicator) Green	On: the device power on is normal		
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
LED Indicators		On: total PoE	usage≥rated90%	
		Green indicate	ors	Yellow indicators
	1.9(Conner ports)	OLV: ports link	down	OLV: PoE not working
	1-8(Copper ports)	On: ports link	up	On: PoE working
		Blinking: data	on TX/RX	OII. FOE WORKING
	Power Par	ameters		
Input voltage	44-57VDC, redundant powe	r input		
Input current	5.6A Max			
Tatalana	Full loading without PoE ≤4W			
Total power consumption	PoE power budget ≤240W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Over-voltage protection Support			
Switching Features				

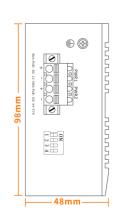


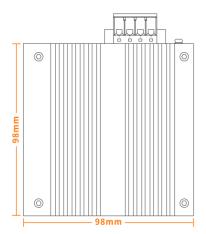
Switching capacity	1.6G		
Packet forwarding rate	2.38 Mpps		
MAC address table	2K		
VLAN	2K		
Buffer	2M		
Forwarding delay	<10us		
Jumbo frame	Support 10Kbytes		
MDX/MIDX	Support		
Watchdog	Support		
	Network Topology		
Star topology	Support		
Bus topology	Support		
Tree topology	Support		
	Mechanical Structure		
Case protection	IP40		
Installation method	DIN-Rail		
Dimension(W*D*H)mm	48*98*98mm		
Weight	0.6 kg		
	Operating temperature: -40°C to 75°C		
Operating Environment	Storage temperature: -40°C to 85°C		
	Relative humidity: 5% to 95%(non-condensing)		
	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us)		
	Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us)		
	DIP: IEC 61000-4-11Level 3(10V)		
Industrial Standard	ESD: IEC 61000-4-2 Level 4(8kV/15kV)		
	Shock: IEC 60068-2-27		
	Free fall: IEC 60068-2-32		
	Vibration: IEC 60068-2-6		
Certification	CE, FCC, RoHS		
Warranty	5 years		

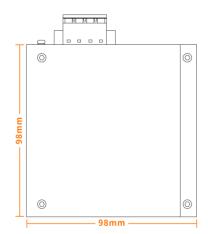


Structure Diagram:









Model No.	Description			
LV-IPS0008F	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature			



LV-IPS0104F Series

4*10/100Base-TX to 1*100Base-FX Unmanaged Industrial PoE Switch



















Features:

- ➤ 4*10/100Base-TX RJ45 PoE port, 1*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0104F is the unmanaged industrial grade PoE switch with 4-port 10/100Base-TX PoE and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0104F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



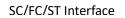
	Fiber port		Copper RJ45 ports			
Interface	1		4			
interface	4*10/100Base-TX RJ45 PoE port					
	1*100Base-FX SC/SFP(FC or ST is optional) fiber port					
	IEEE 802.3 10Base-T Ethernet					
	IEEE 802.3u Fast Ethernet					
Standard	IEEE 802.3x Full-Duplex Flow Control					
0.00.00	IEEE 802.3az Energy Efficient Ethernet					
	IEEE 802.3af Power-Over-Ethernet(PoE)					
	IEEE 802.3at Power Over Ethernet plus PSE(PoE+)					
	1). Port isolation					
Dip Switch	2). 250m long distance mode					
	3). QoS 4). PoE watchdog					
	P(Power indicator)	OLV: the device is power off or failed				
	Green	On: the device power on is normal				
	S(PoE usage indicator) Red	OLV: total PoE usage <rated50%< td=""></rated50%<>				
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>				
		On: total PoE usage≥rated90%				
LED to disease or	1-4(Copper ports)	Green indicato	rs	Yellow indicators		
LED Indicators		OLV: ports link	down	OLV: PoE not working		
		On: ports link	qu	On: PoE working		
		Blinking: data	on TX/RX			
	5(Fiber ports) Green	OLV: ports link down				
		On: ports link up				
		Blinking: data on TX/RX				
Power Parameters						
Input voltage 44-57VDC, redundant power input						
Input current	3A Max					
Total power consumption	Full loading without PoE≤4W PoE power budget ≤120W					
Connector	Removable 4-pin terminal block					
Reverse polarity protection	Support					

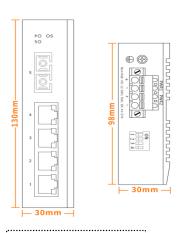


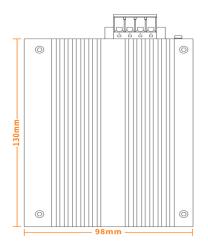
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.0G			
Packet forwarding rate	1.48 Mpps			
MAC address table	2K			
VLAN	2K			
Buffer	2M			
Forwarding delay	<10us			
Jumbo frame	Support 9Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*98*130mm			
Weight	0.55 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

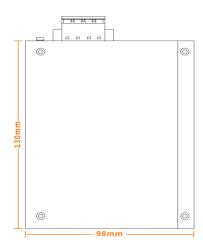


Structure Diagram:

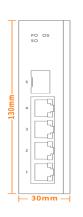


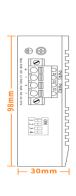


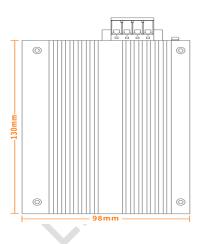


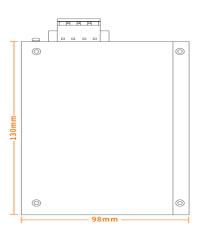


SFP Interface









Model No.	Description			
LV-IPS0104F -SFP	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 1*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)			
LV-IPS0104F -SC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 1*100Base-FX SC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature			
LV-IPS0104F -FC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 1*100Base-FX FC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature			
LV-IPS0104F -ST	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 1*100Base-FX ST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature			



LV-IPS0108F Series

8*10/100Base-TX to 1*100Base-FX
Unmanaged Industrial PoE Switch



Features:

- >8*10/100Base-TX RJ45 PoE port, 1*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0108F is the unmanaged industrial grade PoE switch with 8-port 10/100Base-TX PoE and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0108F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports		
Interface	1		8			
meriace	8*10/100Base-TX RJ45 PoE port					
	1*100Base-FX SC/SFP(FC	•	l) fiber port			
	IEEE 802.3 10Base-T Ethernet					
	IEEE 802.3u Fast Ethernet					
Standard	IEEE 802.3x Full-Duplex F					
	IEEE 802.3az Energy Effic					
		IEEE 802.3af Power-Over-Ethernet(PoE)				
	IEEE 802.3at Power Over 1). Port isolation	Ethernet plus P	SE(POE+)			
	2). 250m long distance m	node				
Dip Switch	3). QoS	Touc				
	4). PoE watchdog					
	P(Power indicator)	OLV: the device is power off or failed		or failed		
	Green	On: the device	On: the device power on is normal			
		OLV: total PoE usage <rated50%< td=""></rated50%<>				
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>				
		On: total PoE usage≥rated90%				
LED Indicators	1-8(Copper ports)	Green indicato	rs	Yellow indicators		
LES maicators		OLV: ports link	down	OLV: PoE not working		
	1 o(copper ports)	On: ports link	qu	On: PoE working		
		Blinking: data	on TX/RX	o oz working		
		OLV: ports link down				
	9(Fiber ports) Green	On: ports link up				
		Blinking: data on TX/RX				
	Power Pa	arameters				
Input voltage	44-57VDC, redundant power input					
Input current	5.6A Max					
Total power consumption	Full loading without PoE≤5W PoE power budget ≤240W					
Connector	Removable 4-pin terminal block					
Reverse polarity protection	Support					

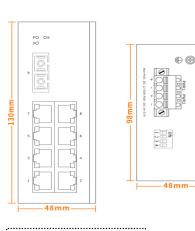


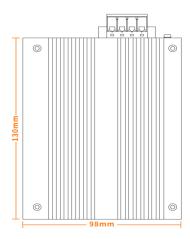
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.8G			
Packet forwarding rate	2.67 Mpps			
MAC address table	2K			
VLAN	2K			
Buffer	2M			
Forwarding delay	<10us			
Jumbo frame	Support 9Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	48*98*130mm			
Weight	0.7 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

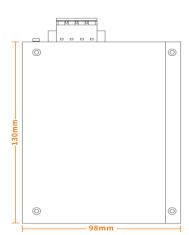


Structure Diagram:

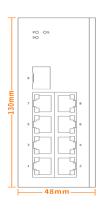
SC/FC/ST Interface

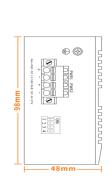


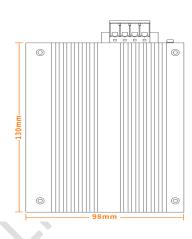


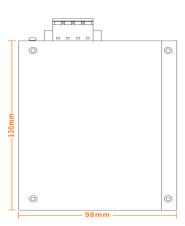


SFP Interface









Model No.	Description				
11/ 10004005	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 1*100Base-X SFP slot, complies				
LV-IPS0108F	with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 $^\circ$ C operating temperature(Fiber port				
-SFP	transmission distance depending on the SFP module)				
11/ IDC01085	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 1*100Base-FX SC port, complies				
LV-IPS0108F	with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km,				
-SC	20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75 $^\circ$ C operating temperature				
LV-IPS0108F	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 1*100Base-FX FC port, complies				
	with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km,				
-FC	20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS0108F	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 1*100Base-FX ST port, complies				
	with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km,				
-ST 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating tem					



LV-IPS0204F Series

4*10/100Base-TX to 2*100Base-FX Unmanaged Industrial PoE Switch



CEFCC

Features:

- >4*10/100Base-TX RJ45 PoE port, 2*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0204F is the unmanaged industrial grade PoE switch with 4-port 10/100Base-TX PoE and 2-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0204F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports	
Interface	2		4		
Interface	4*10/100Base-TX RJ45 PoE port				
		2*100Base-FX SC/SFP(FC or ST is optional) fiber port			
	IEEE 802.3 10Base-T Ethernet				
	IEEE 802.3u Fast Ethernet				
Standard	IEEE 802.3x Full-Duplex F	low Control			
	IEEE 802.3az Energy Effic				
	IEEE 802.3af Power-Over-Ethernet(PoE)				
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)		
	1). Port isolation	ando			
Dip Switch	2). 250m long distance m3). QoS	node			
	4). PoE watchdog				
	P(Power indicator)	OLV: the device	e is power off	or failed	
	Green	On: the device power on is normal			
		OLV: total PoE usage <rated50%< td=""></rated50%<>			
	S(PoE usage indicator)	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%			
LED to disease.		Green indicato	rs	Yellow indicators	
LED Indicators		OLV: ports link	down	OLV: PoE not working	
	1-4(Copper ports)	On: ports link	nb	On: PoE working	
		Blinking: data	on TX/RX	OII. FOE WORKING	
		OLV: ports link down			
	5-6(Fiber ports) Green	On: ports link up			
		Blinking: data on TX/RX			
	Power Pa	rameters			
Input voltage	44-57VDC, redundant power input				
Input current	3A Max				
Total power consumption	Full loading without PoE≤4W PoE power budget ≤120W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				

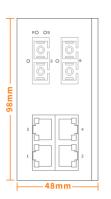


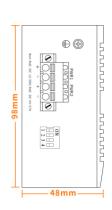
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.2G			
Packet forwarding rate	1.78 Mpps			
MAC address table	2K			
VLAN	2K			
Buffer	2M			
Forwarding delay	<10us			
Jumbo frame	Support 9Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	48*98*98mm			
Weight	0.6 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

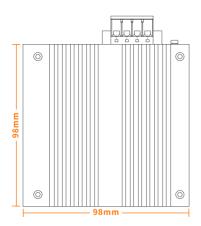


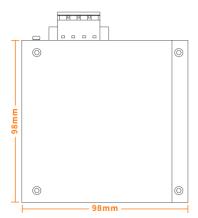
Structure Diagram:

SC/FC/ST Interface

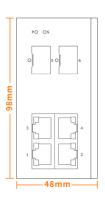


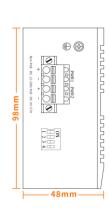


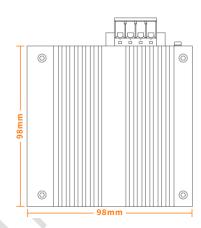


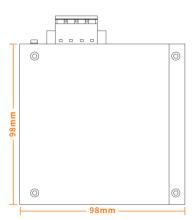


SFP Interface









Model No.	Description				
LV-IPS0204F -SFP	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 2*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)				
LV-IPS0204F -SC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 2*100Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS0204F -FC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 2*100Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS0204F -ST	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE port and 2*100Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				



LV-IPS0206F Series

6*10/100Base-TX to 2*100Base-FX Unmanaged Industrial PoE Switch



Features:

- >6*10/100Base-TX RJ45 PoE port, 2*100Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0206F is the unmanaged industrial grade PoE switch with 6-port 10/100Base-TX PoE and 2-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0206F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports	
Interface	2		6		
interface	6*10/100Base-TX RJ45 PoE port				
	2*100Base-FX SC/SFP(FC or ST is optional) fiber port				
	IEEE 802.3 10Base-T Ethernet				
	IEEE 802.3u Fast Ethernet				
Standard	IEEE 802.3x Full-Duplex F	Flow Control			
	IEEE 802.3az Energy Effic				
	IEEE 802.3af Power-Over				
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)		
	1). Port isolation2). 250m long distance m	aada			
Dip Switch	3). QoS	loue			
	4). PoE watchdog				
	P(Power indicator)	OLV: the device	OLV: the device is power off or failed		
	Green	On: the device	On: the device power on is normal		
		OLV: total PoE usage <rated50%< td=""></rated50%<>			
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%			
LED Indicators	1-6(Copper ports)	Green indicato	rs	Yellow indicators	
LED INGIGATORS		OLV: ports link	down	OLV: PoE not working	
	1 o(copper ports)	On: ports link	qu	On: PoE working	
		Blinking: data	on TX/RX	On rot working	
		OLV: ports link down			
	7-8(Fiber ports) Green	On: ports link up			
		Blinking: data on TX/RX			
	Power Pa	arameters			
Input voltage	44-57VDC, redundant power input				
Input current	4.5A Max				
Total power consumption	Full loading without PoE≤4W PoE power budget ≤180W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				

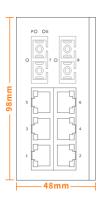


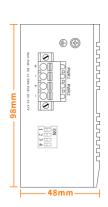
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.6G			
Packet forwarding rate	2.38 Mpps			
MAC address table	2K			
VLAN	2K			
Buffer	2M			
Forwarding delay	<10us			
Jumbo frame	Support 9Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	48*98*98mm			
Weight	0.6 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

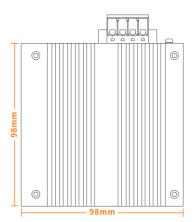


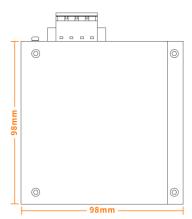
Structure Diagram:

SC/FC/ST Interface

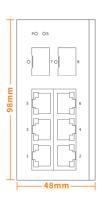




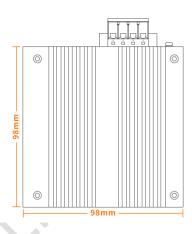


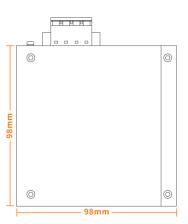


SFP Interface









Model No.	Description				
LV-IPS0206F -SFP	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE port and 2*100Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)				
LV-IPS0206F -SC	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE port and 2*100Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS0206F -FC	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE port and 2*100Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS0206F -ST	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE port and 2*100Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				



LV-IPS0005G Series

5*10/100/1000Base-TX Unmanaged
Industrial PoE Switch with 4-port PoE/PoE+

















Features:

- >4*10/100/1000Base-TX RJ45 PoE port, 1*10/100/1000Base-TX RJ45 uplink port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1).Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0005G is the unmanaged industrial grade PoE switch with 4-port 10/100/1000Base-TX PoE downlink and 1-port 10/100/1000Base-TX RJ45 uplink. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0005G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



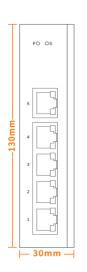
	Fiber port		Copper RJ45 ports		
Interface	0		5		
	4*10/100/1000Base-TX PoE port, 1*10/100/1000Base-TX RJ45 uplink port			-TX RJ45 uplink port	
	IEEE 802.310Base-TEthernet				
	IEEE 802.3u Fast Ethernet				
6	IEEE 802.3ab Gigabit Ethernet				
Standard	IEEE 802.3x Full-Duplex Flow Control				
	IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE)				
	IEEE 802.3at Power-Over-Ethernet (POE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)				
	1). Port isolation		· ·		
Dip Switch	2). 250m long distance mod	e			
Dip Switch	3). QoS				
	4). PoE watchdog				
	P(Power indicator) Green	OLV: the device is power off or failed			
		On: the device power on is normal			
	S(PoE usage indicator) Red	OLV: total PoE usage <rated50%< td=""></rated50%<>			
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%			
	1-4(Copper ports)	Green indicate	ors	Yellow indicators	
LED Indicators		OLV: ports link	k down	OLV: PoE not working	
	1 4(copper ports)	On: ports link	up	On: PoE working	
		Blinking: data	on TX/RX	On. FOE WORKING	
		Green indicate	ors	Yellow indicators	
	5(Copper ports)	OLV: ports link	k down	OLV: port speed is 10/100M	
	э(соррег рогся)	On: ports link	up	On: port speed is 1000M	
		Blinking: data	on TX/RX	On. port speed is 1000ivi	
Power Parameters					
Input voltage	44-57VDC, redundant power input				
Input current	3A Max				
Full loading without PoE≤5W Total power consumption					
Total power consumption	PoE power budget ≤120W				
Connector	Removable 4-pin terminal block				



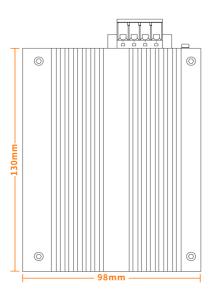
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				
Switching capacity	10G			
Packet forwarding rate	14.8 Mpps			
MAC address table	2K			
VLAN	4K			
Buffer	3M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*98*130mm			
Weight	0.55 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

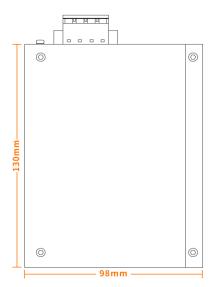


Structure Diagram:









Model No.	Description
LV-IPS0005G	Unmanaged industrial PoE switch,4*10/100/1000Base-TX PoE port + 1*10/100/1000Base-TX RJ45 uplink port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature



LV-IPS0008G **Series**

8*10/100/1000Base-TX Unmanaged **Industrial PoE Switch**



Features:

- ≥8*10/100/1000Base-TX RJ45 PoE port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- ➤ Dip switch function: 1).Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- \triangleright Operating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.







Overview:

The Link Vue LV-IPS0008G is the unmanaged industrial grade PoE switch with 8-port 10/100/1000Base-TX PoE. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0008G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



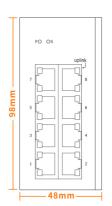
	Fiber port		Co	opper RJ45 ports
Interface	0		8	
	8*10/100/1000Base-TX PoE port			
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)			
Dip Switch	 Port isolation 2). 250m long distance mode QoS PoE watchdog 			
	D/Dayyar indicator) Croop	OLV: the device is power off or failed		
	P(Power indicator) Green	On: the device power on is normal		
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
LED Indicators	On: total PoE usage≥rated90%			0%
		Green indicate	ors	Yellow indicators
	1-8(Copper ports)	OLV: ports link	down	OLV: PoE not working
	τ ο(σορρεί ροίτο)	On: ports link	up	On: PoE working
		Blinking: data	on TX/RX	On FOL WORKING
	Power Par	rameters		
Input voltage	44-57VDC, redundant powe	r input		
Input current	5.6A Max			
Total power consumption	Full loading without PoE ≤5W			
Total power consumption	PoE power budget ≤240W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection Support				
Switching Features				

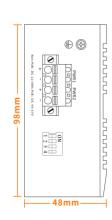


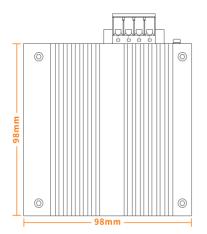
Switching capacity	16G
Packet forwarding rate	23.8 Mpps
MAC address table	16K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
	Network Topology
Star topology	Support
Bus topology	Support
Tree topology	Support
	Mechanical Structure
Case protection	IP40
Installation method	DIN-Rail
Dimension(W*D*H)mm	48*98*98mm
Weight	0.6 kg
	Operating temperature: -40°C to 75°C
Operating Environment	Storage temperature: -40°C to 85°C
	Relative humidity: 5% to 95%(non-condensing)
	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us)
	Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us)
	DIP: IEC 61000-4-11Level 3(10V)
Industrial Standard	ESD: IEC 61000-4-2 Level 4(8kV/15kV)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

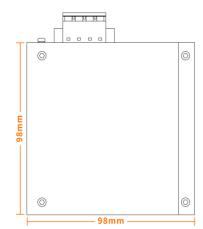


Structure Diagram:









Model No.	Description		
LV-IPS0008G	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature		



LV-IPS0016G Series

16*10/100/1000Base-TX Unmanaged Industrial PoE Switch

















Features:

- ≥16*10/100/1000Base-TX RJ45 PoE port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- ➤ Support one output relay alarm(terminal block Pin 5/6).
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- ➤ Dip switch function: 1).Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 6kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- ▶ Operating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.

Overview:

The Link Vue LV-IPS0016G is the highly reliable unmanaged industrial grade PoE switch with 16-port 10/100/1000Base-TX PoE. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0016G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



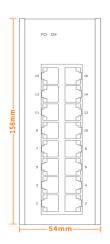
	Fiber port		۰	opper RJ45 ports
Interface	0		16	
interrace				
	16*10/100/1000Base-TX PoE port			
Alarm Port	One relay output for power		elay current ca	arry ability: 1A@24VDC
	IEEE 802.3 10Base-T Ethernet			
	IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
o tanaana	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over-Etl			
	IEEE 802.3at Power Over Eth	nernet plus PSE	PoE+)	
	1). Port isolation			
Dip Switch	2). 250m long distance mod	e		
Dip Switch	3). QoS			
	4). PoE watchdog			
	P(Power indicator) Green	OLV: the device is power off or failed		
	T(Fower managery ereen	On: the device power on is normal		
		OLV: total PoE usage <rated50%< td=""></rated50%<>		
	S(PoE usage indicator) Red	Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
LED Indicators		On: total PoE usage≥rated90%		
		Green indicato	ors	Yellow indicators
	1.15/50000000000000	OLV: ports link	down	OLV: PoE not working
	1-16(Copper ports)	On: ports link	up	One Ba Freed line
		Blinking: data	on TX/RX	On: PoE working
	Power Par	ameters		
Input voltage	44-57VDC, redundant power input			
Input current	5.6A Max			
Total power consumption	Full loading without PoE ≤8W PoE power budget ≤240W			
Connector	Removable 6-pin terminal block, Pin 5-6 for relay alarm output			
Reverse polarity protection	Support			
Over-voltage protection Support				
Switching Features				

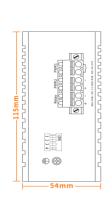


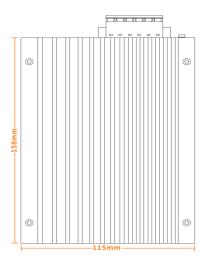
Switching capacity	32G
Packet forwarding rate	47.6 Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
	Network Topology
Star topology	Support
Bus topology	Support
Tree topology	Support
	Mechanical Structure
Case protection	IP40
Installation method	DIN-Rail
Dimension(W*D*H)mm	54*115*158mm
Weight	1.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	EMI: FCC Part 15B Class A Surge protection of power: IEC 61000-4-56kV/4kV(8/20us) Surge protection of Ethernet ports: IEC 61000-4-56kV/2kV(10/700us) RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m EFT: IEC 61000-4-4, power interface: 4kV, Ethernet ports: 2kV CS: IEC 61000-4-6 10V ESD: IEC 61000-4-2Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years
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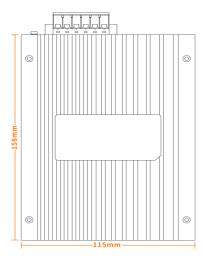


Structure Diagram:









Model No.	Description
LV-IPS0016G	Unmanaged industrial PoE switch, 16*10/100/1000Base-TX PoE port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature



LV-IPS0104G **Series**

4*10/100/1000Base-TX to 1*1000Base-FX **Unmanaged Industrial PoE Switch**



















Features:

- ▶4*10/100/1000Base-TX RJ45 PoE port, 1*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0104G is the unmanaged industrial grade PoE switch with 4-port 10/100/1000Base-TX PoE and 1-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0104G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



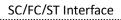
	Fiber port		Co	opper RJ45 ports	
Interface	1		4		
interrace	4*10/100/1000Base-TX RJ45 PoE port				
		1*1000Base-FX SC/SFP(FC or ST is optional) fiber port			
	IEEE 802.3 10Base-T Ethernet				
	IEEE 802.3u Fast Ethernet				
	IEEE 802.3ab Gigabit Ethernet				
Standard	IEEE 802.3x Full-Duplex Flow Control				
	IEEE 802.3az Energy Efficient Ethernet				
	IEEE 802.3af Power-Over				
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)		
	1). Port isolation2). 250m long distance n	node			
Dip Switch	3). QoS	Touc			
	4). PoE watchdog				
	P(Power indicator)	OLV: the device is power off or failed		or failed	
	Green	On: the device power on is normal			
	S(PoE usage indicator) Red	OLV: total PoE usage <rated50%< td=""></rated50%<>			
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
	On: total PoE usage≥rated90%			0%	
LED Indicators		Green indicato	rs	Yellow indicators	
	1-4(Copper ports)	OLV: ports link	down	OLV: PoE not working	
	1-4(Copper ports)	On: ports link	qu	On: PoE working	
		Blinking: data	on TX/RX		
		OLV: ports link down			
	5(Fiber ports) Green	On: ports link up			
		Blinking: data on TX/RX			
	Power Pa	arameters			
Input voltage	44-57VDC, redundant power input				
Input current	3A Max				
Total power consumption	Full loading without PoE≤5W PoE power budget ≤120W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				

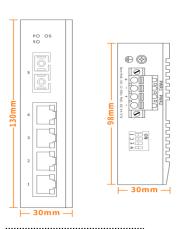


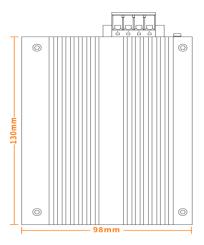
Over-voltage protection	Support			
Switching Features				
Switching capacity	10G			
Packet forwarding rate	14.8 Mpps			
MAC address table	2K			
VLAN	4K			
Buffer	3M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	Case protection IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	30*98*130mm			
Weight	0.55 kg			
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)			
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6			
Certification	CE, FCC, RoHS			
Warranty	5 years			

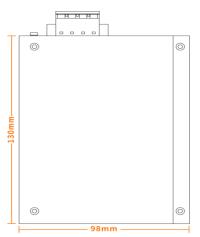


Structure Diagram:

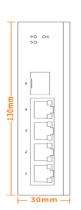


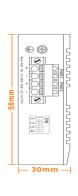


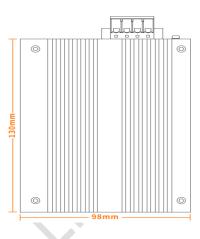


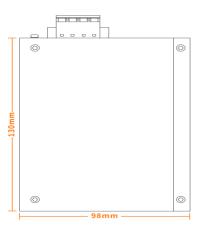












Model No.	Description
LV-IPS010 4G-SFP	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port and 1*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS010 4G-SC	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port and 1*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 4G-FC	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port and 1*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 4G-ST	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port and 1*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0105G Series

4*10/100/1000Base-TX to 1*1000Base-X and

1*10/100/1000Base-TX Industrial PoE Switch

















Features:

- >4*10/100/1000Base-TX RJ45 PoE port, 1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 uplink port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0105G is the unmanaged industrial grade PoE media converter with 4-port 10/100/1000Base-TX PoE, 1-port 1000Base-X SFP slot and 1-port 10/100/1000Base-TX RJ45 uplink. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0105G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Ethan a sat			DIAF a subs
Interface	Fiber port		Copper RJ45 ports	
	1		5	
	4*10/100/1000Base-TX RJ45 PoE port			
	1*1000Base-X SFP slot a		00Base-TX R.	J45 uplink port
	IEEE 802.3 10Base-T Ethernet			
	IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
	IEEE 802.3az Energy Efficient Ethernet			
	IEEE 802.3af Power-Over-Ethernet(PoE)			
	IEEE 802.3at Power Over	Ethernet plus P	SE(PoE+)	
	1). Port isolation			
Dip Switch	2). 250m long distance n3). QoS	node		
	4). PoE watchdog			
	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(PoE usage indicator) Red	OLV: total PoE usage <rated50%< td=""></rated50%<>		
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
	On: total PoE usage≥rated90%			0%
		Green indicato	rs	Yellow indicators
	1-4(Copper ports)	OLV: ports link	down	OLV: PoE not working
LED Indicators	1 (Copper ports)	On: ports link (qp	On: PoE working
		Blinking: data	on TX/RX	om rez werming
		Green indicato	rs	Yellow indicators
	5(Copper ports)	OLV: ports link	down	OLV: port on 10/100M
		On: ports link ι	h	On: port on 1000M
		Blinking: data	on TX/RX	On. port on 1000W
		OLV: ports link down		
	6(Fiber ports) Green	On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	44-57VDC, redundant power input			

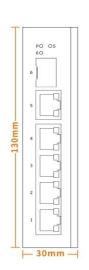


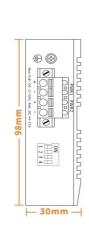
Input current	3A Max				
Total nauron as a sucception	Full loading without PoE≤5W				
Total power consumption	PoE power budget ≤120W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				
Over-voltage protection	Support				
Switching Features					
Switching capacity	12G				
Packet forwarding rate	17.8 Mpps				
MAC address table	2K				
VLAN	4K				
Buffer	3M				
Forwarding delay	<10us				
Jumbo frame	Support 10Kbytes				
MDX/MIDX	Support				
Watchdog	Support				
	Network Topology				
Star topology	Support				
Bus topology	Support				
Tree topology	Support				
	Mechanical Structure				
Case protection	IP40				
Installation method	DIN-Rail				
Dimension(W*D*H)mm	30*98*130mm				
Weight	0.55 kg				
	Operating temperature: -40°C to 75°C				
Operating Environment	Storage temperature: -40°C to 85°C				
	Relative humidity: 5% to 95%(non-condensing)				
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us)				
	Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us)				
	DIP: IEC 61000-4-11Level 3(10V)				
	ESD: IEC 61000-4-2 Level 4(8kV/15kV)				

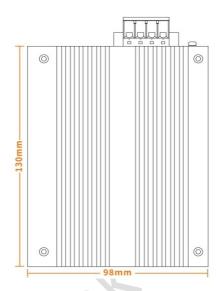


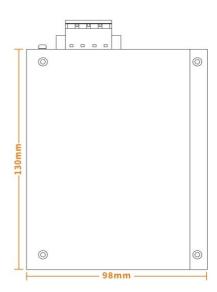
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:









Model No.	Description			
LV-IPS0105G-SFP	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port, 1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 uplink port, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)			



LV-IPS0108G Series

8*10/100/1000Base-TX to 1*1000Base-FX
Unmanaged Industrial PoE Switch



















Features:

- >8*10/100/1000Base-TX RJ45 PoE port, 1*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- \triangleright Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IPS0108G is the unmanaged industrial grade PoE switch with 8-port 10/100/1000Base-TX PoE and 1-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0108G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



Interface	Fiber port		Copper RJ45 ports			
	1		8			
	8*10/100/1000Base-TX RJ45 PoE port					
	1*1000Base-FX SC/SFP(FC or ST is optional) fiber port					
	IEEE 802.3 10Base-T Ethernet					
Standard	IEEE 802.3u Fast Ethernet					
	IEEE 802.3ab Gigabit Ethernet					
	IEEE 802.3x Full-Duplex Flow Control					
	IEEE 802.3az Energy Efficient Ethernet					
	IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)					
	1). Port isolation	Ethernet plus P	SE(PUET)			
Dip Switch	2). 250m long distance mode					
	3). QoS					
	4). PoE watchdog					
LED Indicators	P(Power indicator)	OLV: the device is power off or failed				
	Green	On: the device power on is normal				
	S(PoE usage indicator)	OLV: total PoE usage <rated50%< td=""></rated50%<>				
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>				
		On: total PoE usage≥rated90%				
	1-8(Copper ports)	Green indicato	rs	Yellow indicators		
		OLV: ports link	down	OLV: PoE not working		
		On: ports link	h	On: PoE working		
		Blinking: data	on TX/RX			
	9(Fiber ports) Green	OLV: ports link down				
		On: ports link up				
		Blinking: data on TX/RX				
	Power Pa	ırameters				
Input voltage	44-57VDC, redundant power input					
Input current	5.6A Max					
Total power consumption	Full loading without PoE≤6.5W PoE power budget ≤240W					
Connector	Removable 4-pin terminal block					
Reverse polarity protection	polarity protection Support					

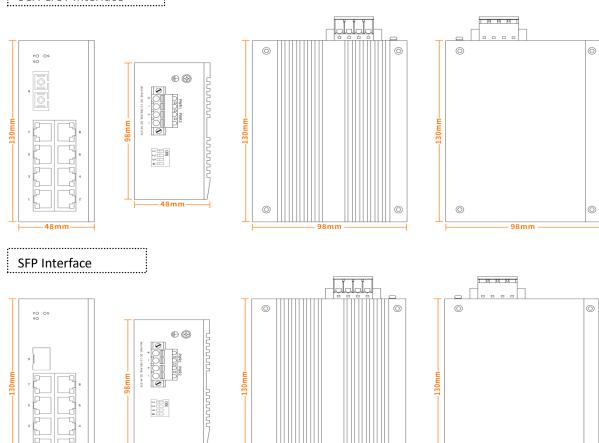


Switching capacity	Over-voltage protection	Support		
Packet forwarding rate MAC address table VLAN 4K Buffer 2M Forwarding delay Jumbo frame Support 10Kbytes MDX/MIDX Support Watchdog Support Network Topology Star topology Support Tree topology Support Mechanical Structure Case protection Installation method Dimension(W*D*H)mm Weight Operating Environment Support Operating Environment Industrial Standard Industrial Standard Installation Industrial Standard DiP: IEC 61000-4-1 Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-32 Free fall: IEC 60068-2-32	Switching Features			
MAC address table VLAN Buffer 2M Forwarding delay Jumbo frame Support 10Kbytes MDX/MIDX Support Watchdog Support Network Topology Star topology Star topology Support Bus topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm Weight Operating Environment Operating Environment Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm Veight Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-1Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-32	Switching capacity	18G		
VLAN Buffer 2M Forwarding delay Jumbo frame Support 10Kbytes MDX/MIDX Support Watchdog Support Network Topology Star topology Support Support Tree topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm Weight Operating Environment Operating Environment Support Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm Weight O,7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 60068-2-27 Free fall: IEC 60068-2-32	Packet forwarding rate	26.7 Mpps		
Forwarding delay <10us Jumbo frame Support 10Kbytes MDX/MIDX Support Watchdog Support Network Topology Star topology Support Bus topology Support Tree topology Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating Environment Operating Environment Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	MAC address table	16K		
Forwarding delay Jumbo frame Support 10Kbytes MDX/MIDX Support Watchdog Support Network Topology Star topology Support Bus topology Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm Weight Operating Environment Operating Environment Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-32	VLAN	4K		
Jumbo frame MDX/MIDX Support Watchdog Support Network Topology Star topology Support Bus topology Support Tree topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm A*8*9*130mm Weight Operating Environment Operating Environment Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm A*98*130mm Weight O.7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-SLevel 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-SLevel 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-32	Buffer	2M		
MDX/MIDX Support Network Topology Star topology Support Bus topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm A8*98*130mm Weight Operating Environment Operating Environment Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) SSD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-37 Free fall: IEC 60068-2-32	Forwarding delay	<10us		
Network Topology Star topology Support Bus topology Support Tree topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm Weight 0.7 kg Operating Environment Operating Environment Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-1Level 3(10V) ESD: IEC 60068-2-27 Free fall: IEC 60068-2-32	Jumbo frame	Support 10Kbytes		
Star topology Support Bus topology Support Tree topology Support Mechanical Structure Case protection Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating Environment Structure Case protection IP40 DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight Operating Environment Structure Case protection IP40 DIN-Rail Dimension(W*D*H)mm Weight Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-32	MDX/MIDX	Support		
Star topology Bus topology Support Tree topology Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating Environment Operating Environment Storage temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Watchdog	Support		
Bus topology Tree topology Support Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32		Network Topology		
Tree topology Mechanical Structure Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating Environment Storage temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Star topology	Support		
Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Bus topology	Support		
Case protection IP40 Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating Environment Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 60068-2-27 Free fall: IEC 60068-2-32	Tree topology	Support		
Installation method DIN-Rail Dimension(W*D*H)mm 48*98*130mm Weight 0.7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32		Mechanical Structure		
Dimension(W*D*H)mm Weight O.7 kg Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Case protection	IP40		
Weight Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Installation method	DIN-Rail		
Operating Environment Operating Environment Operating Environment Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Dimension(W*D*H)mm	48*98*130mm		
Operating Environment Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing) Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Weight	0.7 kg		
Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32	Operating Environment	Storage temperature: -40°C to 85°C		
	Industrial Standard	Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32		
Certification CE, FCC, RoHS	Certification			
Warranty 5 years	Warranty	5 years		



Structure Diagram:

SC/FC/ST Interface



Model No.	Description
LV-IPS010 8G-SFP	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 1*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS010 8G-SC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 1*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 8G-FC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 1*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS010 8G-ST	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 1*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0204G Series

4*10/100/1000Base-TX to 2*1000Base-X
Unmanaged Industrial PoE Switch



















Features: >4*10/100/2

- >4*10/100/1000Base-TX RJ45 PoE port, 2*1000Base-X SFP slot.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- ▶ Operating temperature: -40° \mathbb{C} to 75° \mathbb{C} .

Overview:

The Link Vue LV-IPS0204G is the unmanaged industrial grade PoE switch with 4-port 10/100/1000Base-TX PoE and 2-port 1000Base-X SFP slot. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0204G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



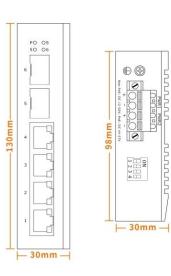
Interface	Fiber port		Copper RJ45 ports	
	2		4	
	4*10/100/1000Base-TX	RJ45 PoE port		
	2*1000Base-X SFP slot			
	IEEE 802.3 10Base-T Etho	ernet		
	IEEE 802.3u Fast Ethernet			
	IEEE 802.3ab Gigabit Ethernet			
Standard	IEEE 802.3x Full-Duplex Flow Control			
	IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE)			
	IEEE 802.3at Power-Over		SE/DoE±\	
	1). Port isolation	Linernet plus P	JL(FULT)	
Die Contact	2). 250m long distance n	node		
Dip Switch	3). QoS			
	4). PoE watchdog	<u> </u>		
	P(Power indicator)	OLV: the device	e is power off	or failed
	Green	On: the device	On: the device power on is normal	
	S(PoE usage indicator)	OLV: total PoE usage <rated50%< td=""></rated50%<>		
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
	. 0	On: total PoE usage≥rated90%		0%
LED Indicators		Green indicato	rs	Yellow indicators
	1-4(Copper ports)	OLV: ports link	OLV: ports link down OLV: PoE not work	OLV: PoE not working
		On: ports link	nb	On: PoE working
		Blinking: data	on TX/RX	
		OLV: ports link down		
	5-6(Fiber ports) Green	On: ports link up		
		Blinking: data	on TX/RX	
Power Parameters				
Input voltage	44-57VDC, redundant power input			
Input current	3A Max			
Total power consumption	Full loading without PoE≤5W PoE power budget ≤120W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	everse polarity protection Support			

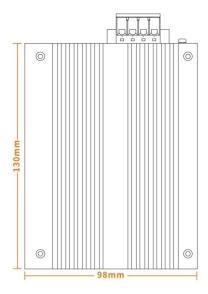


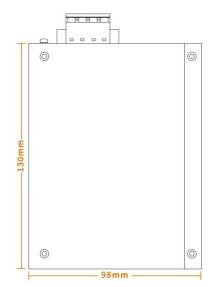
Over-voltage protection	Support	
Switching Features		
Switching capacity	12G	
Packet forwarding rate	17.8 Mpps	
MAC address table	2K	
VLAN	4K	
Buffer	3M	
Forwarding delay	<10us	
Jumbo frame	Support 10Kbytes	
MDX/MIDX	Support	
Watchdog	Support	
	Network Topology	
Star topology	Support	
Bus topology	Support	
Tree topology	Support	
	Mechanical Structure	
Case protection	IP40	
Installation method	DIN-Rail	
Dimension(W*D*H)mm	30*98*130mm	
Weight	0.55 kg	
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)	
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6	
Certification	CE, FCC, RoHS	
Warranty	5 years	



Structure Diagram:







Model No.	Description
LV-IPS0204G-SFP	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE port and 2*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)



LV-IPS0208G **Series**

8*10/100/1000Base-TX to 2*1000Base-FX **Unmanaged Industrial PoE Switch**



















Features:

- ▶8*10/100/1000Base-TX RJ45 PoE port, 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- \triangleright Operating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.

Overview:

The Link Vue LV-IPS0208G is the unmanaged industrial grade PoE switch with 8-port 10/100/1000Base-TX PoE and 2-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0208G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



Interface	Fiber port		Copper RJ45 ports		
	2		8		
	8*10/100/1000Base-TX	RJ45 PoE port			
	2*1000Base-FX SC/SFP(F	C or ST is option	al) fiber port		
	IEEE 802.3 10Base-T Ethe	ernet			
	IEEE 802.3u Fast Ethernet				
	IEEE 802.3ab Gigabit Ethernet				
Standard	IEEE 802.3x Full-Duplex Flow Control				
	IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE)				
			CE/DoE+\		
	IEEE 802.3at Power Over 1). Port isolation	Ethernet plus P	3E(PUE+)		
Dia Cartala	2). 250m long distance n	node			
Dip Switch	3). QoS				
	4). PoE watchdog				
	P(Power indicator)	OLV: the device	e is power off	or failed	
	Green	On: the device power on is normal		normal	
	S(PoE usage indicator)	OLV: total PoE usage <rated50%< td=""></rated50%<>			
		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%		0%	
LED Indicators		Green indicato	rs	Yellow indicators	
	1-8(Copper ports)	OLV: ports link down OLV: PoE not wo	OLV: PoE not working		
	= -(On: ports link	h	On: PoE working	
		Blinking: data	on TX/RX		
		OLV: ports link down			
	9-10(Fiber ports) Green	On: ports link up			
		Blinking: data on		n TX/RX	
Power Parameters					
Input voltage	44-57VDC, redundant power input				
Input current	5.6A Max				
Total power consumption	Full loading without PoE≤7.5W PoE power budget ≤240W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Reverse polarity protection Support				

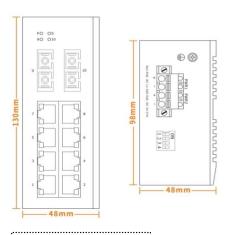


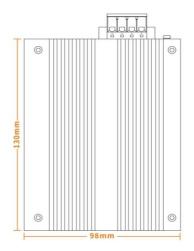
Over-voltage protection	Support	
Switching Features		
Switching capacity	20G	
Packet forwarding rate	29.7 Mpps	
MAC address table	16K	
VLAN	4K	
Buffer	2M	
Forwarding delay	<10us	
Jumbo frame	Support 10Kbytes	
MDX/MIDX	Support	
Watchdog	Support	
	Network Topology	
Star topology	Support	
Bus topology	Support	
Tree topology	Support	
	Mechanical Structure	
Case protection	IP40	
Installation method	DIN-Rail	
Dimension(W*D*H)mm	48*98*130mm	
Weight	0.7 kg	
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)	
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6	
Certification	CE, FCC, RoHS	
Warranty	5 years	

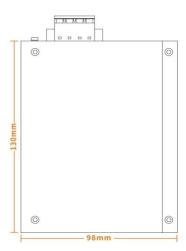


Structure Diagram:

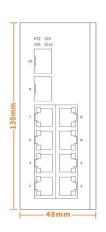


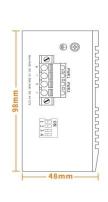


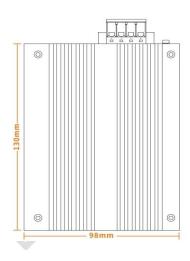


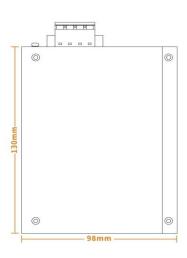


SFP Interface









Model No.	Description
LV-IPS020 8G-SFP	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 2*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75 ° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IPS020 8G-SC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 2*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS020 8G-FC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 2*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS020 8G-ST	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 2*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature



LV-IPS0408G Series

8*10/100/1000Base-TX to 4*1000Base-X
Unmanaged Industrial PoE Switch





















Features:

- >8*10/100/1000Base-TX RJ45 PoE port, 4*1000Base-X SFP slot.
- ➤ 44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Support one output relay alarm(terminal block Pin 5/6).
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1).Link aggregation, 2). 250m long distance, 3). QoS, 4).PoE watchdog.
- >Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- ▶ Operating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.

Overview:

The Link Vue LV-IPS0408G is the highly reliable unmanaged industrial grade PoE switch with 8-port 10/100/1000Base-TX PoE and 4-port 1000Base-FX SFP slot. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with link aggregation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS0408G is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



	Fiber port		Co	opper RJ45 ports	
Interface	4		8		
	8*10/100/1000Base-TX RJ45 PoE port 4*1000Base-X SFP slot				
Alarm Port		ver failure Alarr	n relay curren	t carry ability: 1A@24VDC	
Alaini Foit			irrelay curren	it carry ability. 1A@24VDC	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet				
Standard	IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet				
	IEEE 802.3af Power-Over				
	IEEE 802.3at Power Over	, ,	SE(PoE+)		
	1). Link aggregation	3 p. 6.65	- ()		
21.6.1.1	2). 250m long distance m	node			
Dip Switch	3). QoS				
	4). PoE watchdog	16			
	P(Power indicator)	OLV: the device is power off or failed			
	Green	On: the device power on is normal			
		OLV: total PoE	usage <rated5< td=""><td>0%</td></rated5<>	0%	
	S(PoE usage indicator) Red Blinking: rat	Blinking: rated	g: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>		
		On: total PoE ι	ısage≥rated90	0%	
LED Indicators		Green indicato	rs	Yellow indicators	
	1-8(Copper ports)	OLV: ports link down OLV: PoE not workin		OLV: PoE not working	
	I o(copper ports)	On: ports link	nb	On: PoE working	
		Blinking: data on TX/RX	On. FOE WORKING		
		OLV: ports link down			
	9-12(Fiber ports) Green	On: ports link	up		
	Blinking: data on TX/RX				
Power Parameters					
Input voltage	44-57VDC, redundant power input				
Input current	5.6A Max				
Total power consumption	Full loading without PoE≤7.5W				
.5.6. 60.10. 00.10.11.15.10.11	PoE power budget ≤240W				

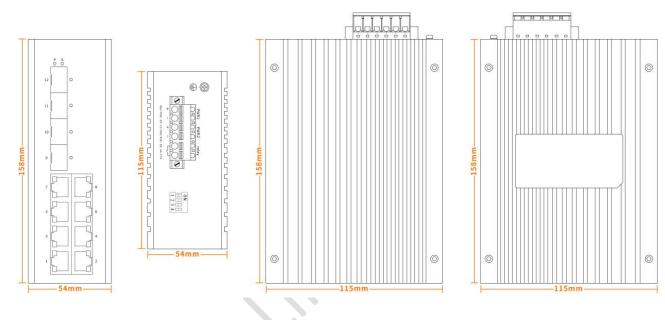


Connector	Removable 6-pin terminal block, Pin 5-6 for relay alarm output			
Reverse polarity protection	Support			
Over-voltage protection	Support			
	Switching Features			
Switching capacity	24G			
Packet forwarding rate	35.7 Mpps			
MAC address table	8K			
VLAN	4K			
Buffer	2M			
Forwarding delay	<10us			
Jumbo frame	Support 10Kbytes			
MDX/MIDX	Support			
Watchdog	Support			
	Network Topology			
Star topology	Support			
Bus topology	Support			
Tree topology	Support			
	Mechanical Structure			
Case protection	IP40			
Installation method	DIN-Rail			
Dimension(W*D*H)mm	54*115*158mm			
Weight	1.2 kg			
	Operating temperature: -40°C to 75°C			
Operating Environment	Storage temperature: -40°C to 85°C			
	Relative humidity: 5% to 95%(non-condensing)			
	EMI: FCC Part 15B Class A			
Industrial Standard	Surge protection of power: IEC 61000-4-56kV/4kV(8/20us)			
	Surge protection of Ethernet ports: IEC 61000-4-56kV/2kV(10/700us)			
astriai stariaara	RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m			
	EFT: IEC 61000-4-4, power interface: 4kV, Ethernet ports: 2kV			
	CS: IEC 61000-4-6 10V			



	ESD: IEC 61000-4-2Level 4(8kV/15kV)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Model No.	Description
LV-IPS0408G-SFP	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE port and 4*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)



LV-IPS02G08F Series

8*10/100Base-TX to 2*1000Base-FX
Unmanaged Industrial PoE Switch



Features:

- >8*10/100Base-TX RJ45 PoE port, 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- >44-57VDCinput,redundant power supply with polarity reverse/over-voltage protection.
- Complies with IEEE802.3af PoE and IEEE802.3at PoE+ standard.
- Dip switch function: 1). Port isolation, 2). 250m long distance, 3). QoS, 4). PoE watchdog.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- >IP40 fan-less aluminum alloy housing and DIN-Rail hardware design.
- \triangleright Operating temperature: -40 $^{\circ}$ C to 75 $^{\circ}$ C.

Overview:

The Link Vue LV-IPS02G08F is the unmanaged industrial grade PoE switch with 8-port 10/100Base-TX PoE and 2-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It complies with IEEE802.3af/at standard PoE protocol, the max power consumption can reach 30W (PoE+) per port. It is featuring with port isolation, 250m long distance transmission mode, QoS and PoE watchdog function, which all can be configured by the Dip switch on the top panel.

LV-IPS02G08F is also the high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 44-57VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40 $^{\circ}$ C to 75 $^{\circ}$ C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.



Interface	Fiber port		Copper RJ45 ports		
	2		8		
	8*10/100Base-TX RJ45 PoE port				
	2*1000Base-FX SC/SFP(FC or ST is optional) fiber port				
Standard	IEEE 802.3 10Base-T Ethernet				
	IEEE 802.3u Fast Ethernet				
	IEEE 802.3ab Gigabit Ethernet				
	IEEE 802.3x Full-Duplex Flow Control				
	IEEE 802.3az Energy Efficient Ethernet				
	IEEE 802.3af Power-Over-Ethernet(PoE)				
	IEEE 802.3at Power Over Ethernet plus PSE(PoE+)				
	1). Port isolation				
Dip Switch	2). 250m long distance mode 3). QoS				
	4). PoE watchdog				
	P(Power indicator) Green	OLV: the device is power off or failed			
		On: the device power on is normal			
	S(PoE usage indicator)	OLV: total PoE usage <rated50%< td=""></rated50%<>			
LED Indicators		Blinking: rated 50% <total 90%<="" poe="" td="" usage<rated=""></total>			
		On: total PoE usage≥rated90%			
	1-8(Copper ports)	Green indicato	rs	Yellow indicators	
		OLV: ports link	down	OLV: PoE not working	
		On: ports link	ab	On: PoE working	
		Blinking: data	on TX/RX		
	9-10(Fiber ports) Green	OLV: ports link down			
		On: ports link up			
		Blinking: data on TX/RX			
	Power Pa	arameters			
Input voltage	44-57VDC, redundant power input				
Input current	5.6A Max				
Total power consumption	Full loading without PoE≤6W PoE power budget ≤240W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				

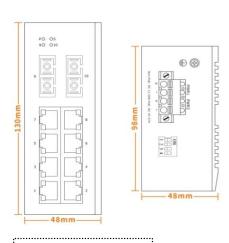


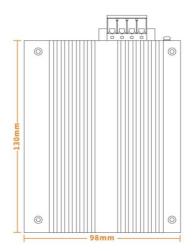
Over-voltage protection	Support				
Switching Features					
Switching capacity	5.6G				
Packet forwarding rate	4.166 Mpps				
MAC address table	2K				
VLAN	2K				
Buffer	2M				
Forwarding delay	<10us				
Jumbo frame	Support 10Kbytes				
MDX/MIDX	Support				
Watchdog	Support				
Network Topology					
Star topology	Support				
Bus topology	Support				
Tree topology	Support				
	Mechanical Structure				
Case protection	IP40				
Installation method	DIN-Rail				
Dimension(W*D*H)mm	48*98*130mm				
Weight	0.7 kg				
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)				
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6				
Certification	CE, FCC, RoHS				
Warranty	5 years				

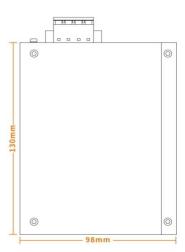


Structure Diagram:

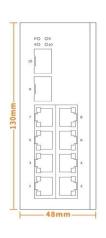


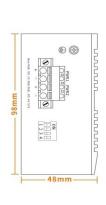


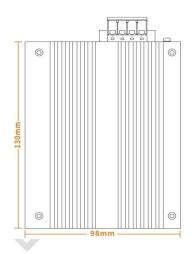


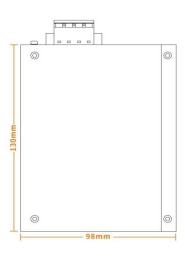


SFP Interface









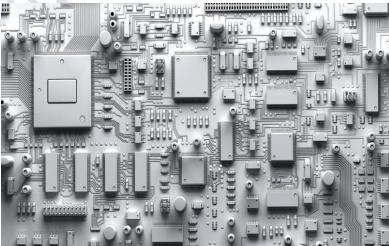
Model No.	Description				
LV-IPS02 G08F-SFP	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 2*1000Base-X SFP slot, complies with IEEE802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)				
LV-IPS02 G08F-SC	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 2*1000Base-FXSC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS02 G08F-FC	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 2*1000Base-FXFC port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				
LV-IPS02 G08F-ST	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE port and 2*1000Base-FXST port, complies with IEEE802.3af/at standard, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature				











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