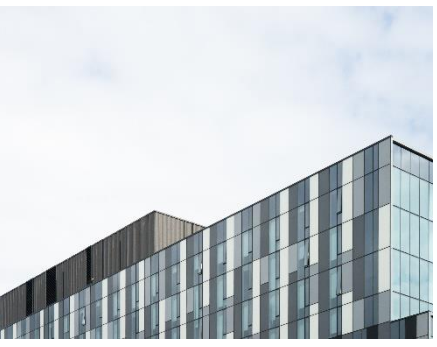
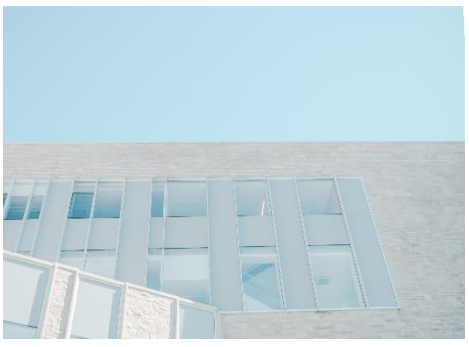
LINK VUE SYSTEMS PTY LTD

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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Link Vue

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">1</td></tr>
<tr><td colspan="4">1*10/100Base-TX RJ45 PoE port
1*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). LFP
2). Flow control
3). 250m long distance mode
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="5">1(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">2(Fiber ports) Green</td><td colspan="2">OLV: ports link down</td></tr>
<tr><td colspan="2">On: ports link up</td></tr>
<tr><td colspan="2">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">0.75A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤2W
PoE power budget ≤30W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

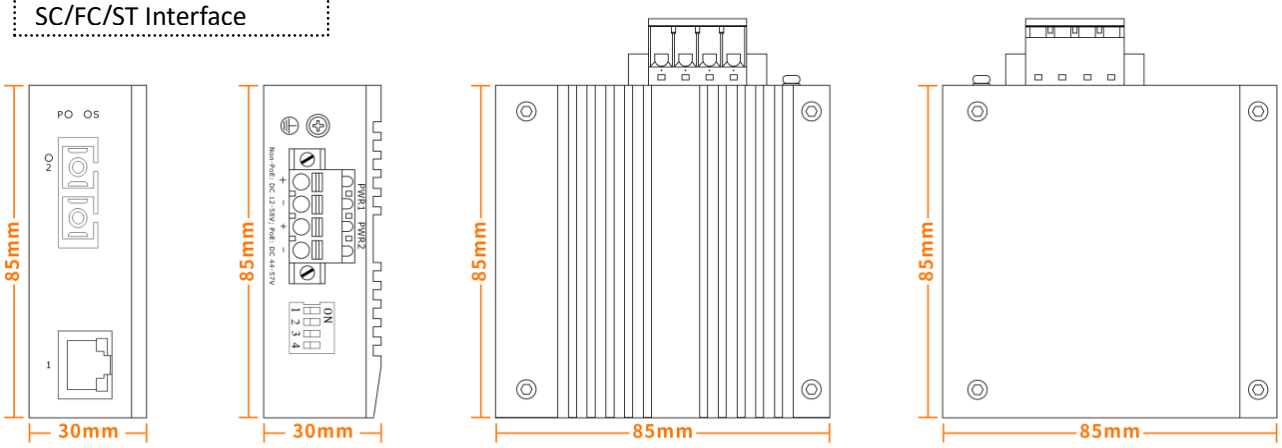
Link vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

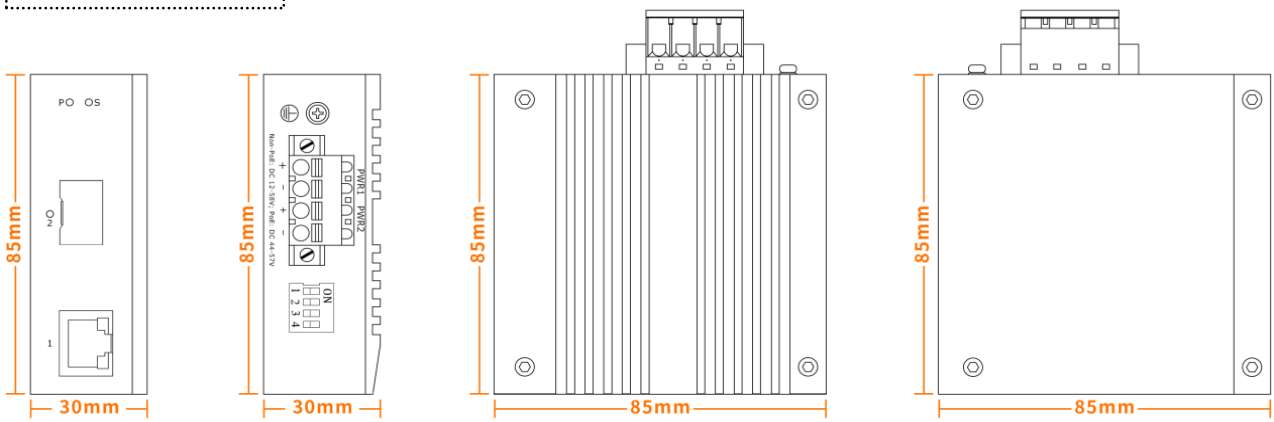
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
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<tr><td colspan="4">2*10/100Base-TX RJ45 PoE port
1*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). Flow control
3). 250m long distance mode
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
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<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
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<tr><td rowspan="4">1-2(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
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<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">3(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">1.5A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤2.5W
PoE power budget ≤60W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

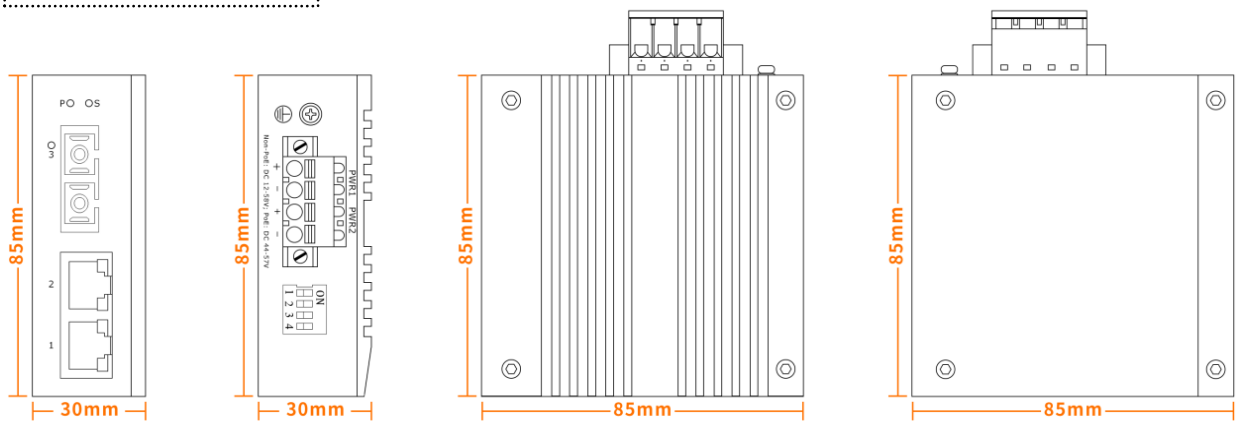
Linkvue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

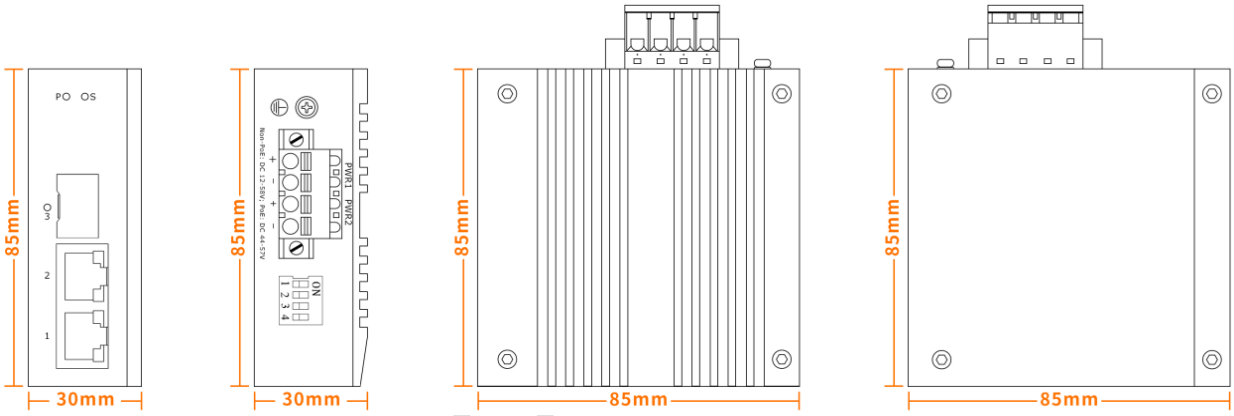
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">2</td></tr>
<tr><td colspan="4">2*10/100Base-TX RJ45 PoE port
2*100Base-X SFP slot</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Fiber redundant
2). Flow control
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<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
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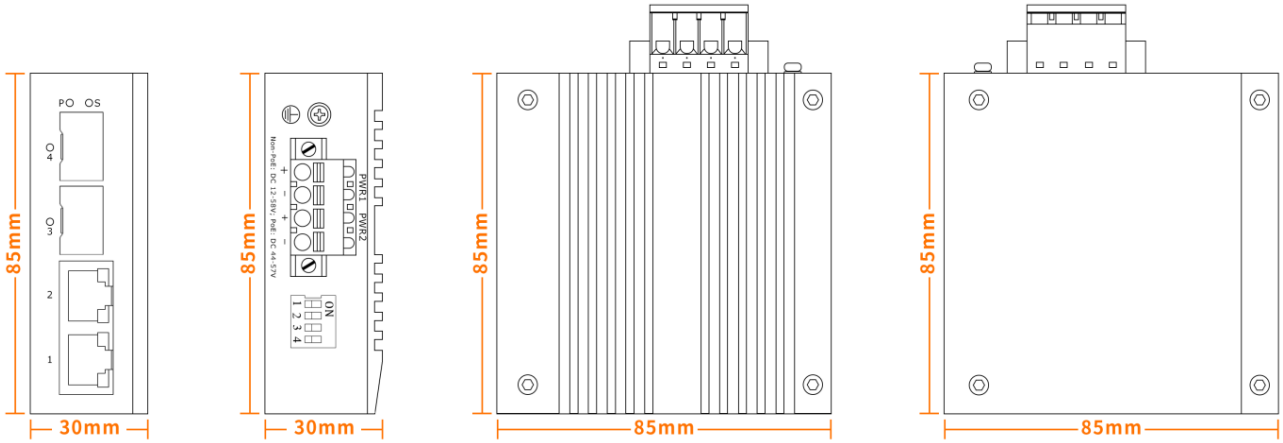
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">1.5A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤3W
PoE power budget ≤60W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

Link vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

Model No.	Description
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)

Link Vue

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

Interface	Fiber port	Copper RJ45 ports	
	1	1	
	1*10/100/1000Base-TX RJ45 PoE port 1*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+)		
Dip Switch	1). LFP 2). Fiber port 100/1000M selection 3). 250m long distance mode 4). PoE watchdog		
LED Indicators	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%	
		Blinking: rated 50%<total PoE usage<rated 90%	
		On: total PoE usage≥rated90%	
	1(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: PoE not working
		On: ports link up	On: PoE working
		Blinking: data on TX/RX	
	2(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	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		

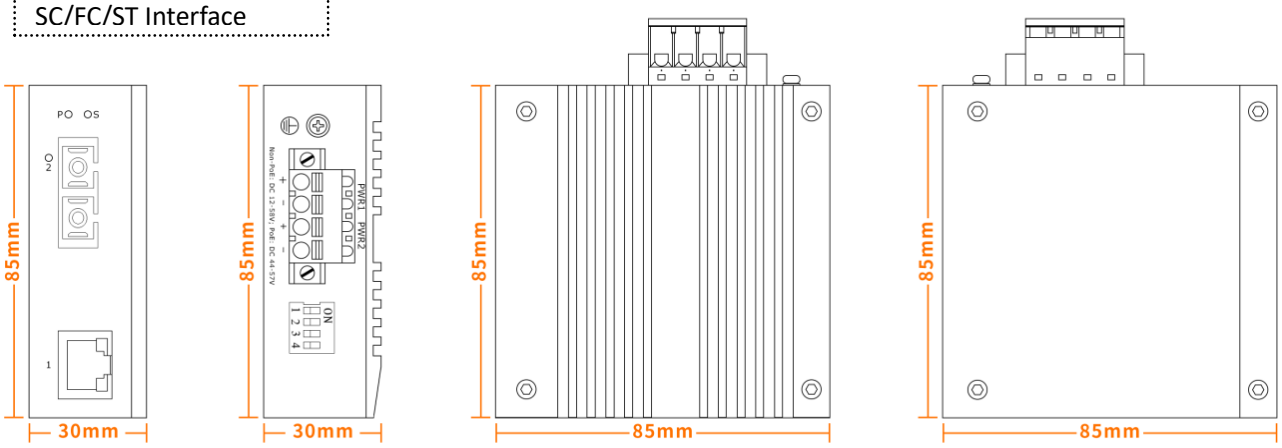
Link Vue

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	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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

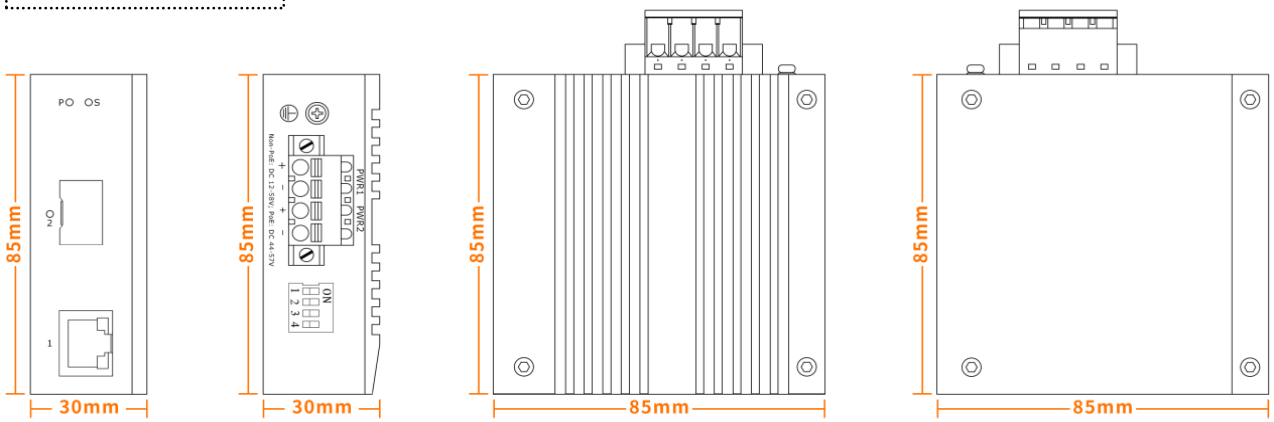
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">2</td></tr>
<tr><td colspan="4">2*10/100/1000Base-TX RJ45 PoE port
1*1000Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). Fiber port 100/1000M selection
3). 250m long distance mode
4). PoE watchdog</td></tr>
<tr><td rowspan="9">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-2(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">3(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">1.5A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤2.5W
PoE power budget ≤60W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

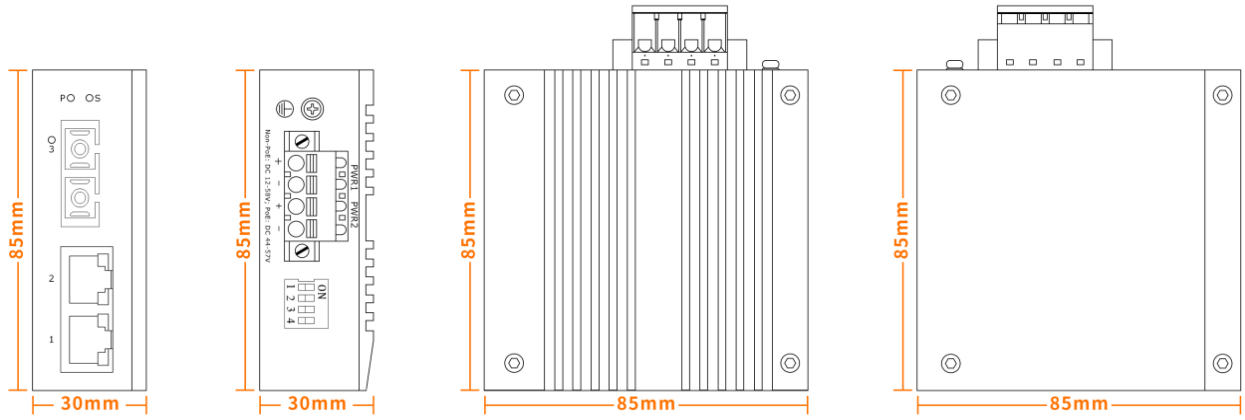
Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

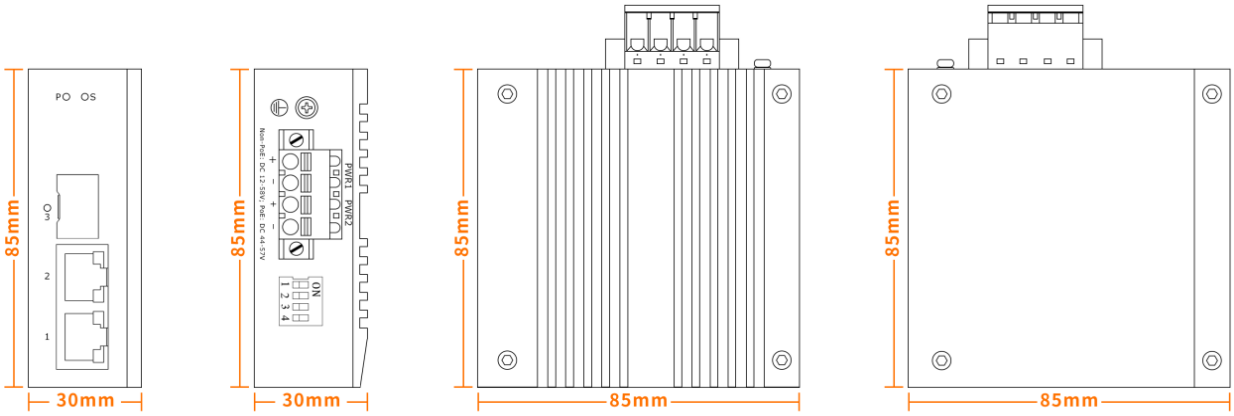
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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° 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℃ to 75℃.

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℃ to 75℃ 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.

Technical Specification:

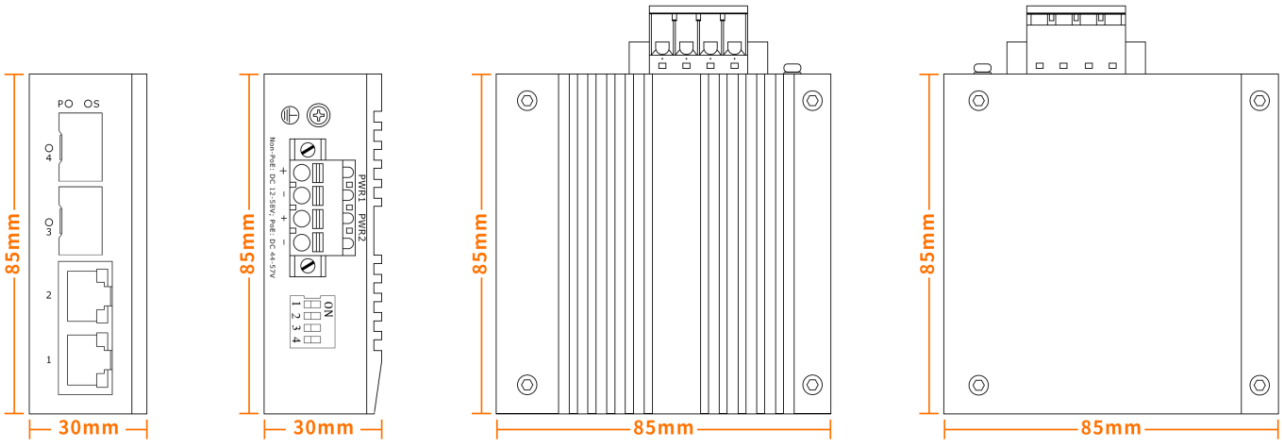
<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">2</td></tr>
<tr><td colspan="4">2*10/100/1000Base-TX RJ45 PoE port
2*1000Base-X SFP slot</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Fiber redundant
2). Fiber port 100/1000M selection
3). 250m long distance mode
4). PoE watchdog</td></tr>
<tr><td rowspan="10">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-2(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">3-4(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">1.5A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤3W
PoE power budget ≤60W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0202G-SFP	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)

Link Vue

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℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

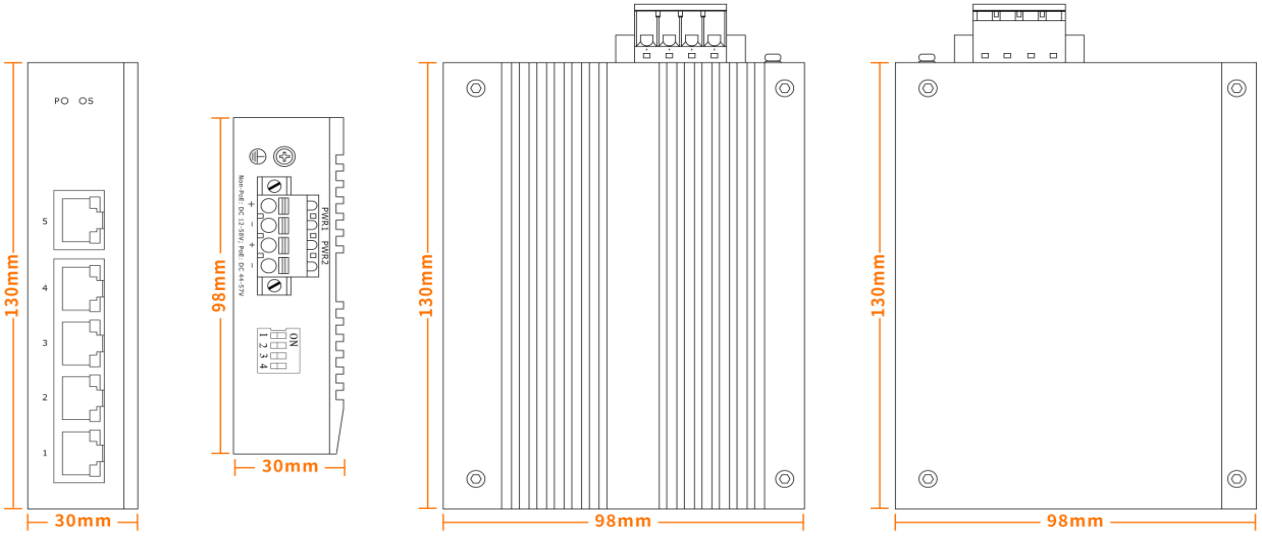
Interface	Fiber port		Copper RJ45 ports
	0		5
	4*10/100Base-TX PoE port, 1*10/100Base-TX RJ45 uplink port		
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)		
Dip Switch	1). Port isolation 2). 250m long distance mode 3). QoS 4). PoE watchdog		
LED Indicators	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%	
		Blinking: rated 50%<total PoE usage<rated 90%	
		On: total PoE usage≥rated90%	
	1-4(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: PoE not working
		On: ports link up	On: PoE working
		Blinking: data on TX/RX	
	5(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: port speed is 10M
		On: ports link up	On: port speed is 100M
		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		

Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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

Link Vue

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℃ to 75℃.

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℃ to 75℃ 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.

Technical Specification:

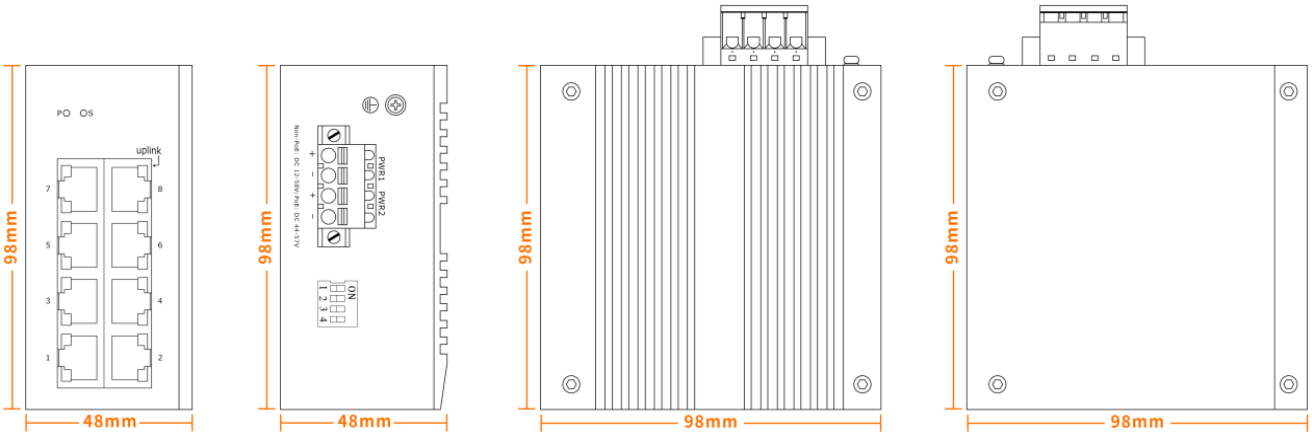
Interface	Fiber port		Copper RJ45 ports
	0		8
	8*10/100Base-TX PoE port		
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)		
Dip Switch	1). Port isolation 2). 250m long distance mode 3). QoS 4). PoE watchdog		
LED Indicators	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%	
		Blinking: rated 50%<total PoE usage<rated 90%	
		On: total PoE usage≥rated90%	
	1-8(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: PoE not working
		On: ports link up	On: PoE working
		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 ≤4W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Support		
Over-voltage protection	Support		
Switching Features			

Link Vue

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 Environment	Operating temperature: -40℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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

Link Vue

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">4</td></tr>
<tr><td colspan="4">4*10/100Base-TX RJ45 PoE port
1*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-4(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">5(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">3A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤4W
PoE power budget ≤120W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

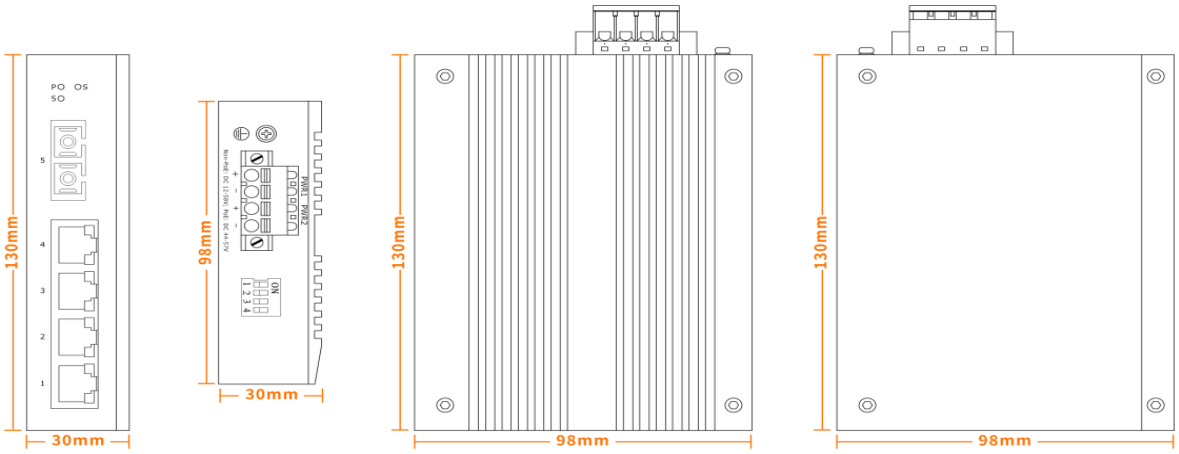
Link vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

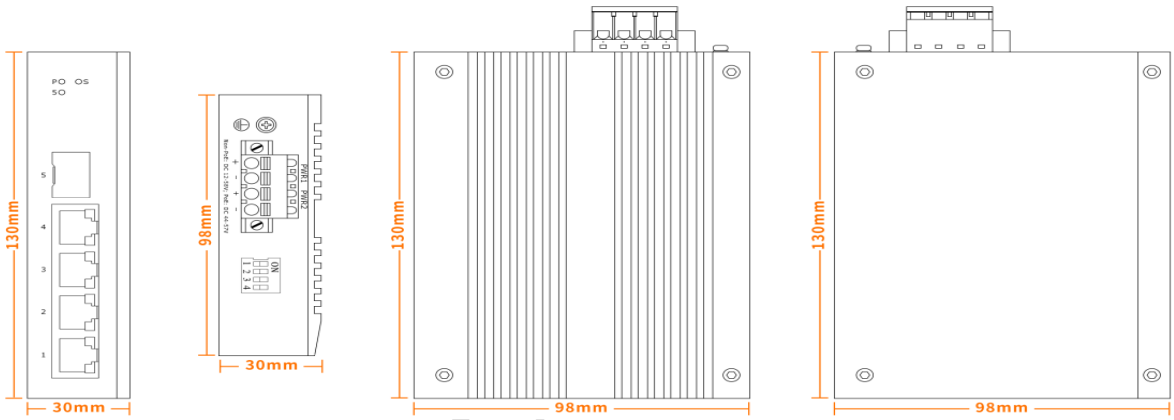
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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.
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">8</td></tr>
<tr><td colspan="4">8*10/100Base-TX RJ45 PoE port
1*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-8(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">9(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤5W
PoE power budget ≤240W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

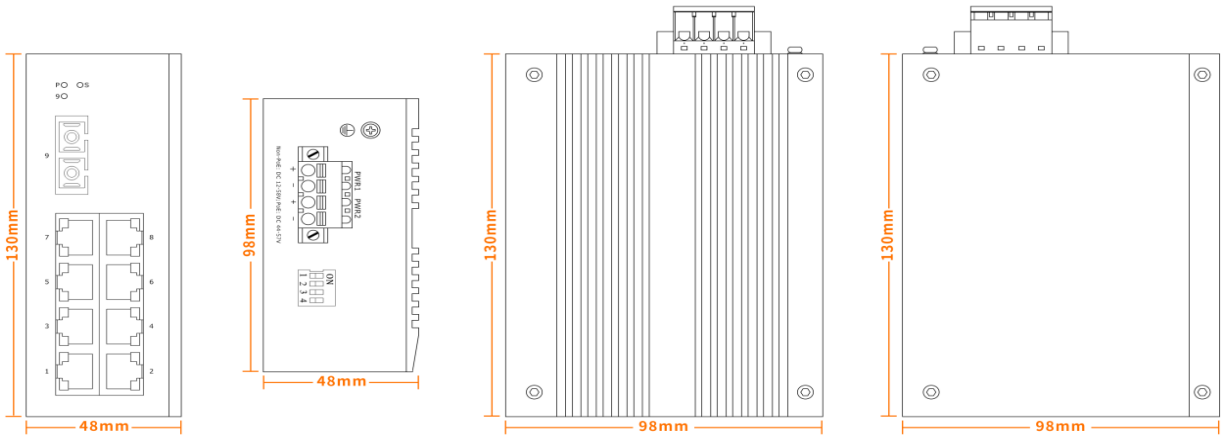
Link vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

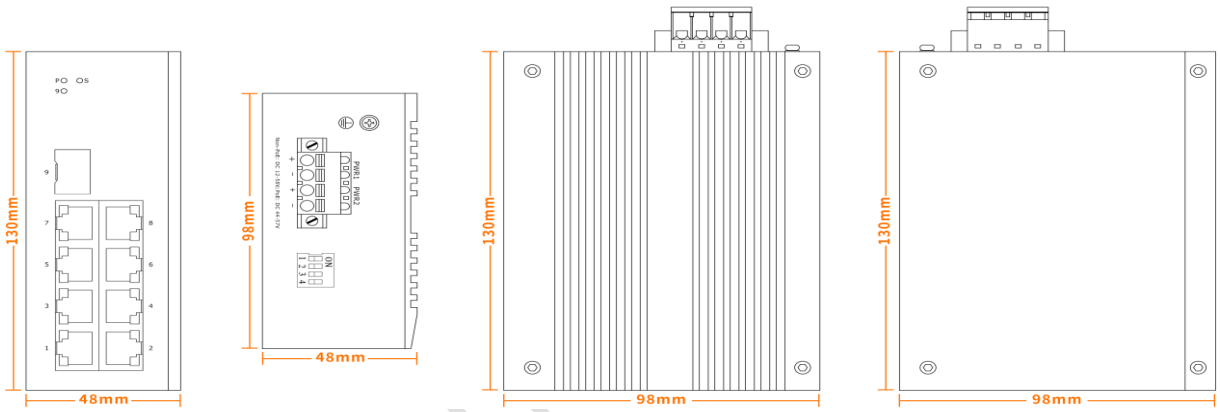
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0108F-SFP	Unmanaged industrial PoE switch, 8*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-IPS0108F-SC	Unmanaged industrial PoE switch, 8*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-IPS0108F-FC	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, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature
LV-IPS0108F-ST	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, 20/40/60/80/100/120Kmare optional, DIN-Rail, 44-57VDC, -40 to 75° C operating temperature

LV-IPS0204F Series

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

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">4</td></tr>
<tr><td colspan="4">4*10/100Base-TX RJ45 PoE port
2*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-4(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">5-6(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">3A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤4W
PoE power budget ≤120W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

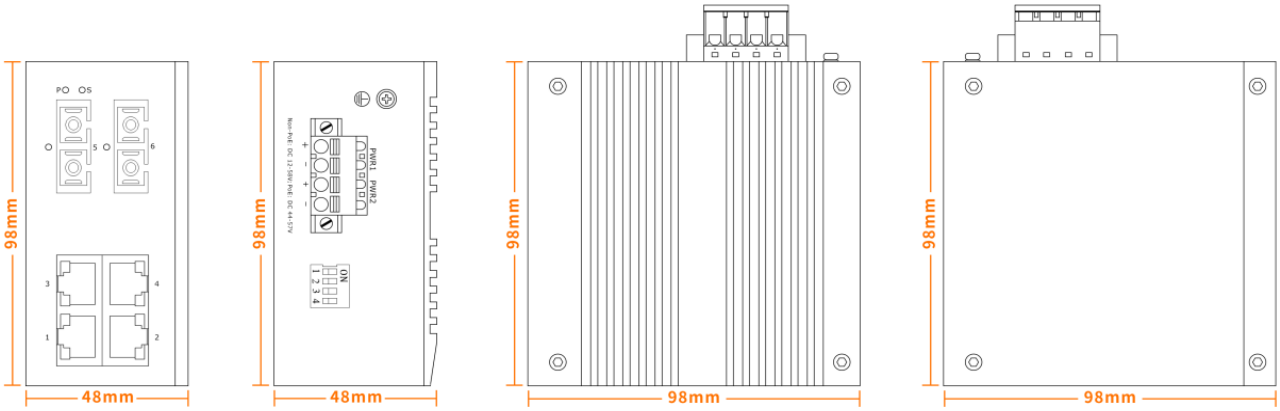
Link vue

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℃ to 75℃ Storage temperature: -40℃ to85℃ 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

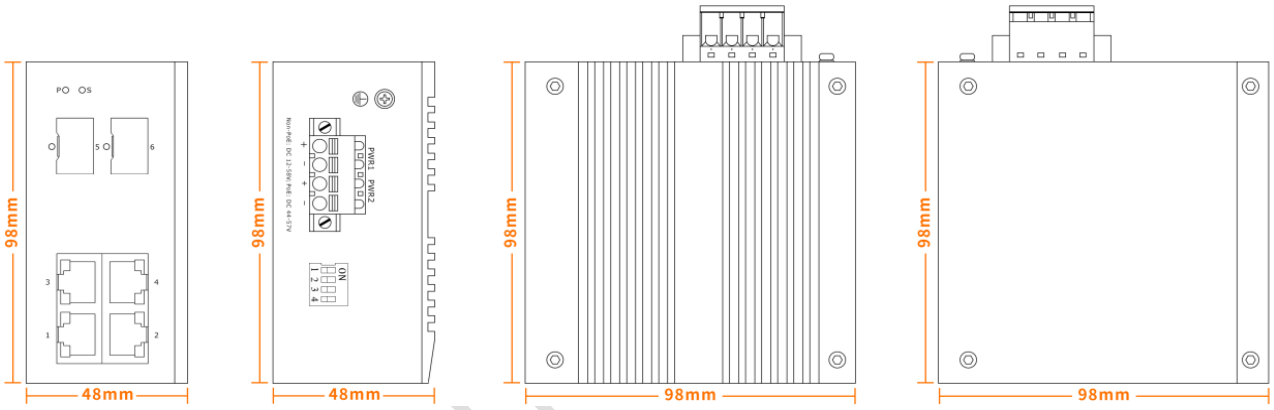
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">6</td></tr>
<tr><td colspan="4">6*10/100Base-TX RJ45 PoE port
2*100Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-6(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">7-8(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">4.5A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤4W
PoE power budget ≤180W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

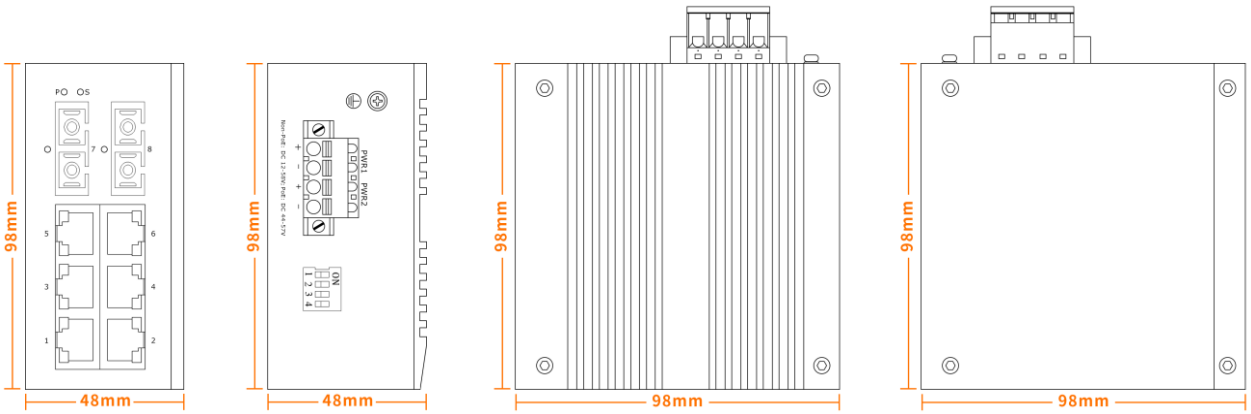
Link vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

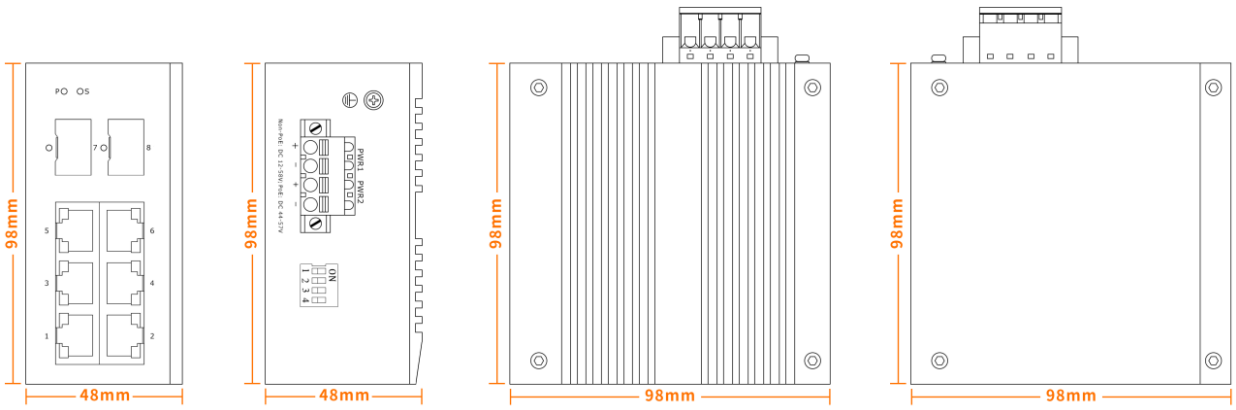
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface

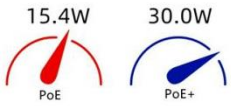


Order Information:

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+



CE FCC RoHS compliant

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

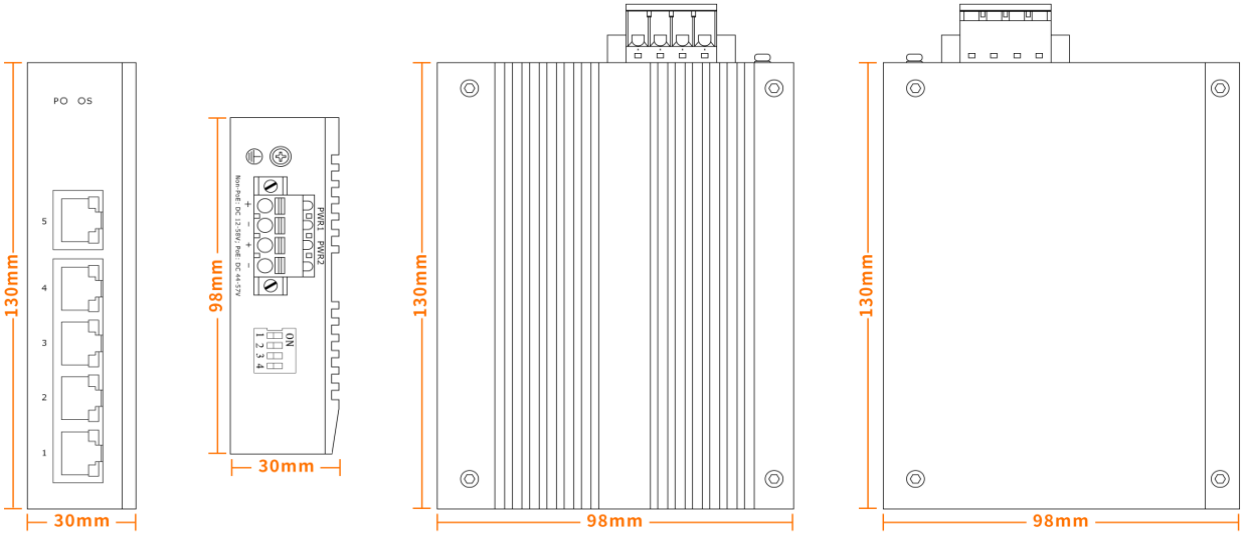
Interface	Fiber port	Copper RJ45 ports	
	0	5	
	4*10/100/1000Base-TX PoE port, 1*10/100/1000Base-TX RJ45 uplink port		
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)		
Dip Switch	1). Port isolation 2). 250m long distance mode 3). QoS 4). PoE watchdog		
LED Indicators	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%	
		Blinking: rated 50%<total PoE usage<rated 90%	
		On: total PoE usage≥rated90%	
	1-4(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: PoE not working
		On: ports link up	On: PoE working
		Blinking: data on TX/RX	
	5(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: port speed is 10/100M
		On: ports link up	On: port speed is 1000M
		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		

LinkVue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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

Link Vue

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

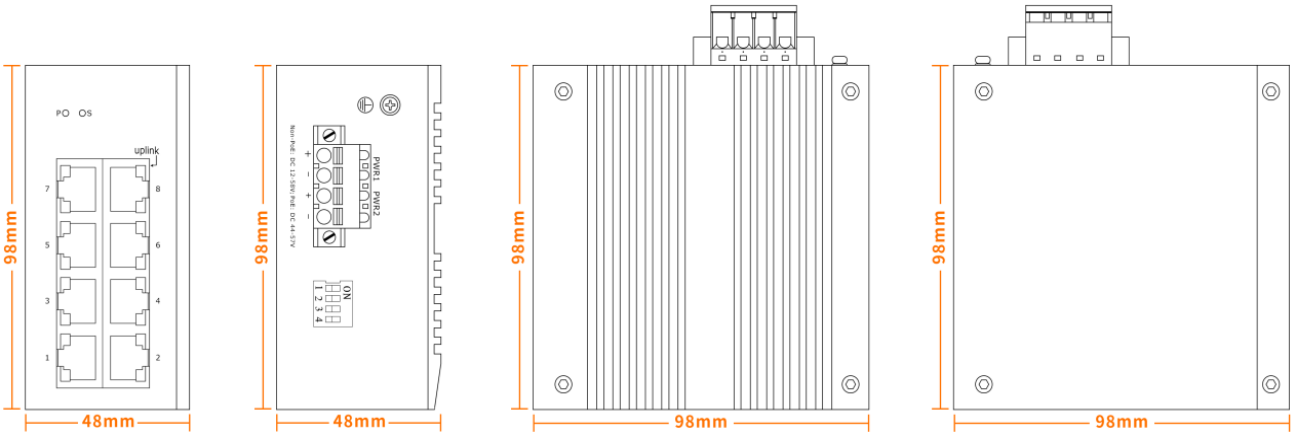
<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">0</td><td colspan="2">8</td></tr>
<tr><td colspan="4">8*10/100/1000Base-TX PoE port</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 10Base-T Ethernet
IEEE 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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="8">LED Indicators</td><td rowspan="2">P(Power indicator) Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator) Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-8(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE ≤5W
PoE power budget ≤240W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
<tr><td>Over-voltage protection</td><td colspan="4">Support</td></tr>
<tr><td colspan="5">Switching Features</td></tr>
</table>

Link Vue

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 Environment	Operating temperature: -40℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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

Link Vue

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℃ to 75℃.

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℃ to 75℃ 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.

Technical Specification:

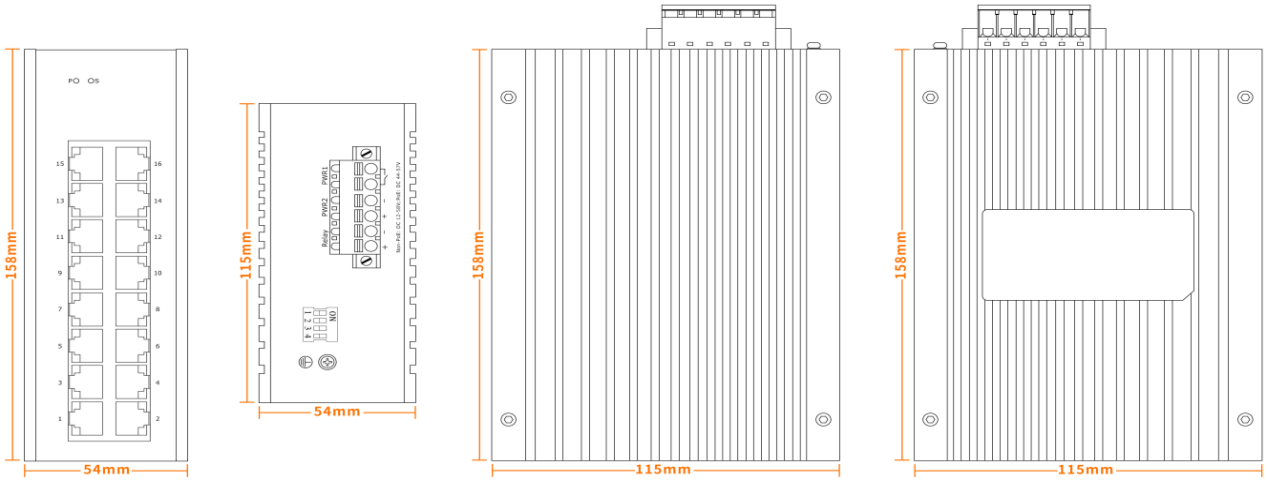
Interface	Fiber port	Copper RJ45 ports	
	0	16	
	16*10/100/1000Base-TX PoE port		
Alarm Port	One relay output for power failure. Alarm relay current carry ability: 1A@24VDC		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet(PoE) IEEE 802.3at Power Over Ethernet plus PSE(PoE+)		
Dip Switch	1). Port isolation 2). 250m long distance mode 3). QoS 4). PoE watchdog		
LED Indicators	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%	
		Blinking: rated 50%<total PoE usage<rated 90%	
		On: total PoE usage≥rated90%	
	1-16(Copper ports)	Green indicators	Yellow indicators
		OLV: ports link down	OLV: PoE not working
		On: ports link up	On: PoE working
		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 ≤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			

Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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

Link Vue

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">4</td></tr>
<tr><td colspan="4">4*10/100/1000Base-TX RJ45 PoE port
1*1000Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-4(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">5(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">3A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤5W
PoE power budget ≤120W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

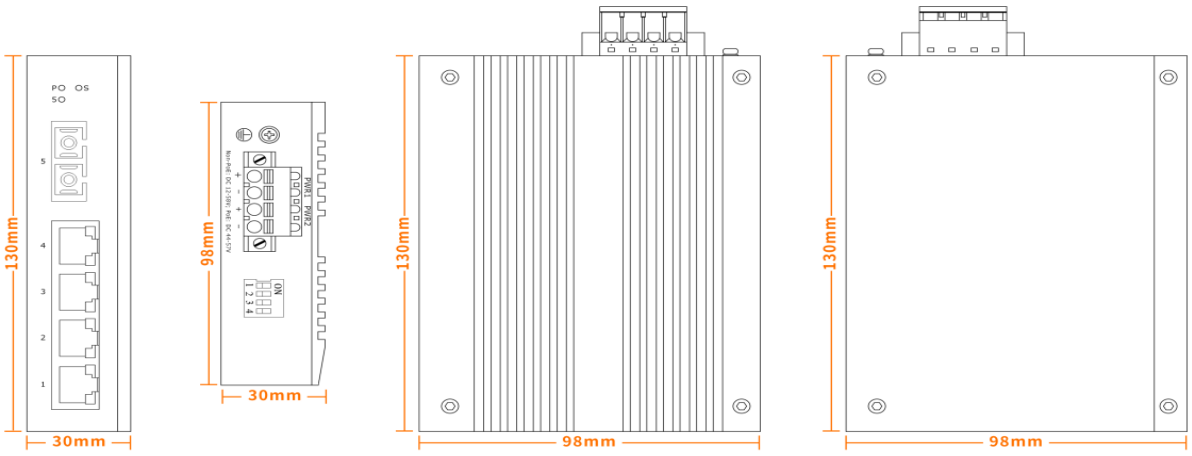
Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

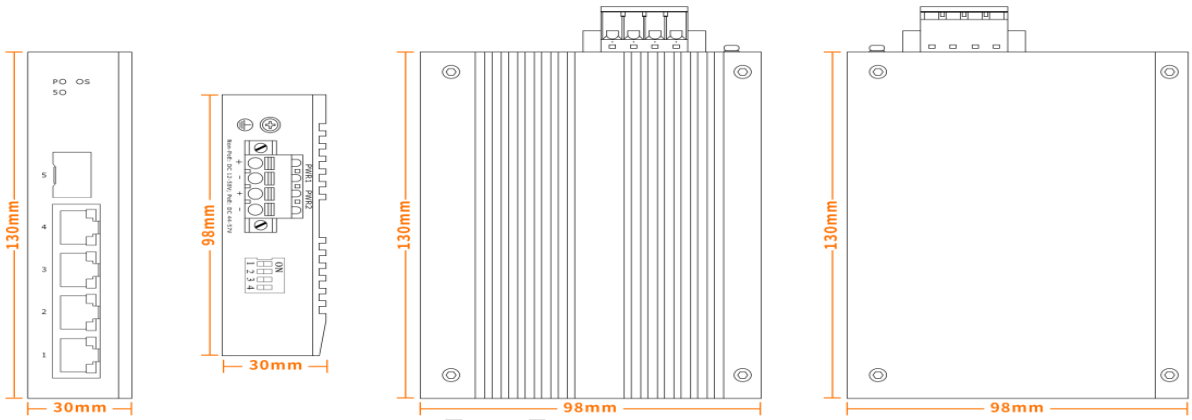
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0104G-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-IPS0104G-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-IPS0104G-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-IPS0104G-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

CE FCC RoHS compliant

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).
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">5</td></tr>
<tr><td colspan="4">4*10/100/1000Base-TX RJ45 PoE port
1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 uplink port</td></tr>
<tr><td>Standard</td><td colspan="4">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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="13">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-4(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="4">5(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: port on 10/100M</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: port on 1000M</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">6(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="4">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
</table>

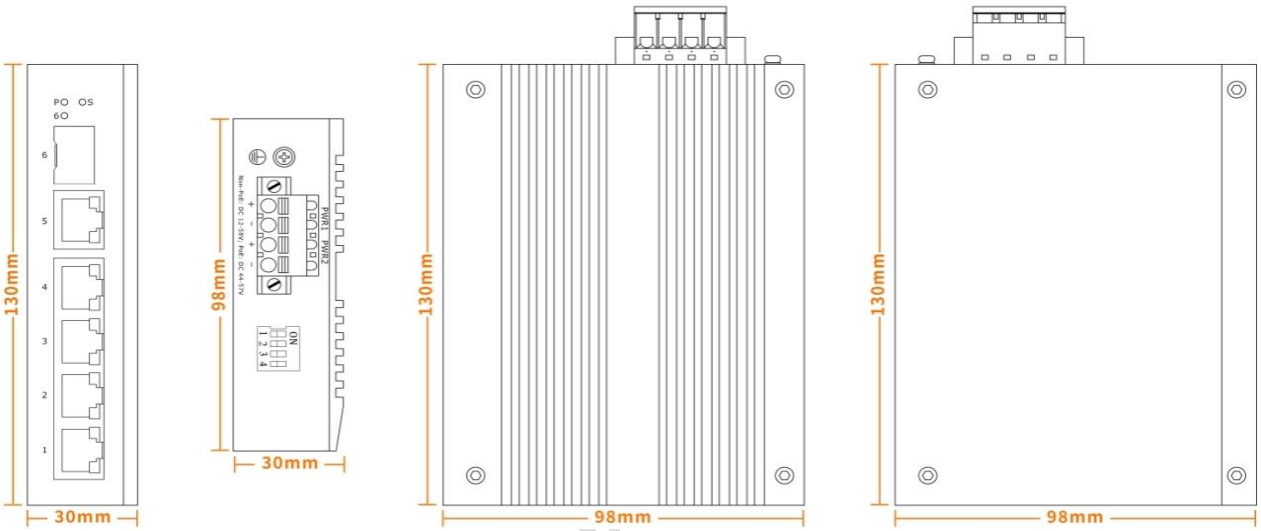
Link Vue

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	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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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)

Link Vue

	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:



Order Information:

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.
- Operating temperature: -40℃ to 75℃.

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">1</td><td colspan="2">8</td></tr>
<tr><td colspan="4">8*10/100/1000Base-TX RJ45 PoE port
1*1000Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-8(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">9(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤6.5W
PoE power budget ≤240W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

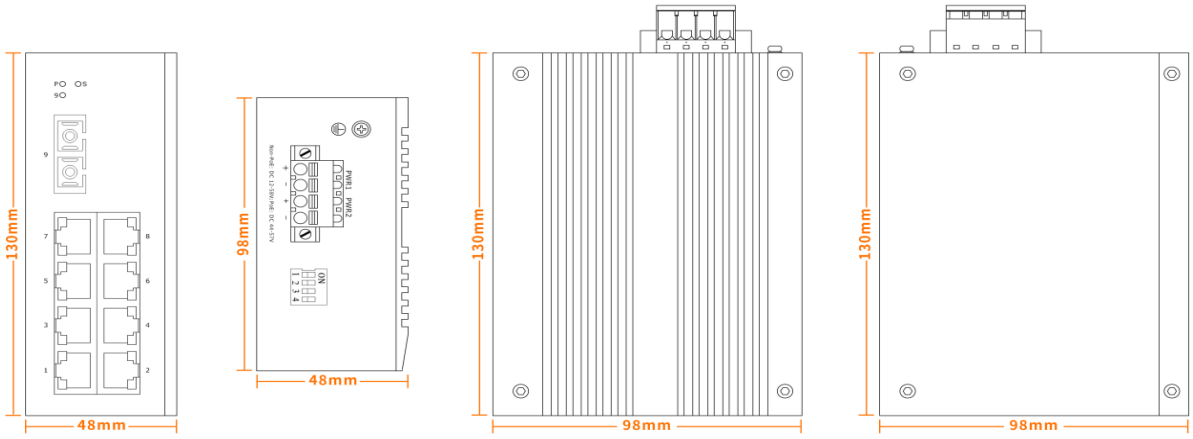
Link Vue

Over-voltage protection	Support
Switching Features	
Switching capacity	18G
Packet forwarding rate	26.7 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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

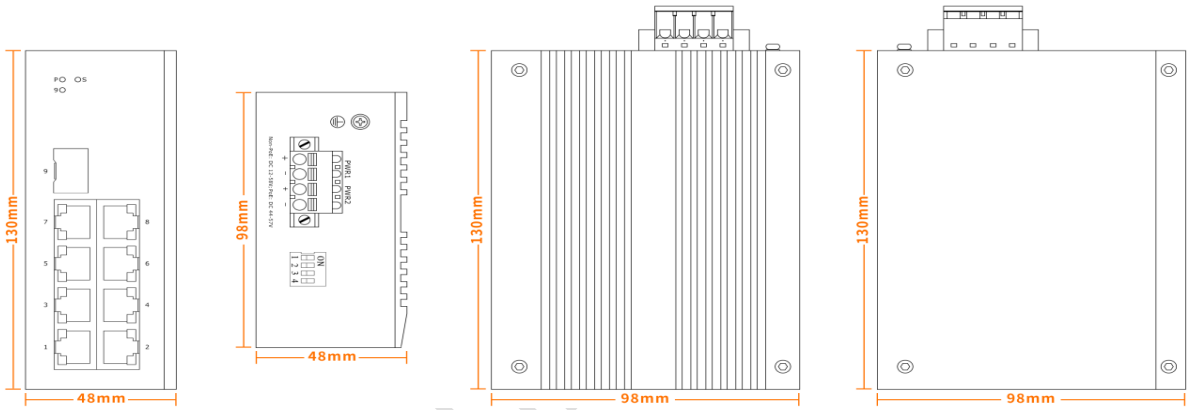
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0108G-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-IPS0108G-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-IPS0108G-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-IPS0108G-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*10/100/1000Base-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℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

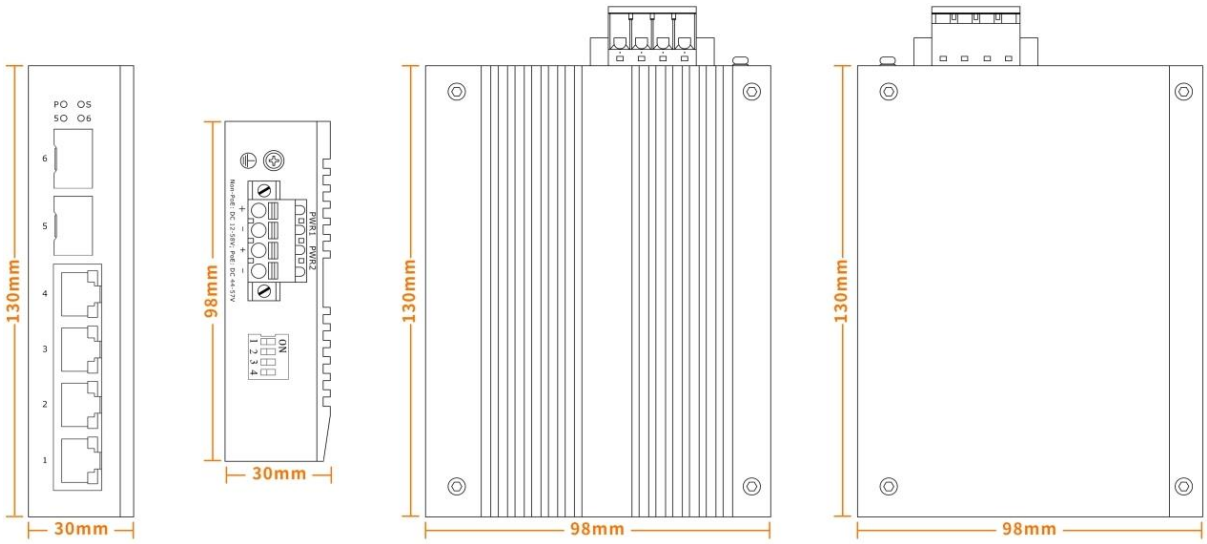
<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">4</td></tr>
<tr><td colspan="4">4*10/100/1000Base-TX RJ45 PoE port
2*1000Base-X SFP slot</td></tr>
<tr><td>Standard</td><td colspan="4">IEEE 802.3 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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="9">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
Red</td><td colspan="3">OLV: total PoE usage<rated50%</td></tr>
<tr><td colspan="3">Blinking: rated 50%<total PoE usage<rated 90%</td></tr>
<tr><td colspan="3">On: total PoE usage≥rated90%</td></tr>
<tr><td rowspan="4">1-4(Copper ports)</td><td>Green indicators</td><td>Yellow indicators</td></tr>
<tr><td>OLV: ports link down</td><td>OLV: PoE not working</td></tr>
<tr><td>On: ports link up</td><td rowspan="2">On: PoE working</td></tr>
<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">5-6(Fiber ports) Green</td><td colspan="3">OLV: ports link down</td></tr>
<tr><td colspan="3">On: ports link up</td></tr>
<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">3A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤5W
PoE power budget ≤120W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

Structure Diagram:



Order Information:

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)

Link Vue

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.
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

Technical Specification:

<table>
<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">2</td><td colspan="2">8</td></tr>
<tr><td colspan="4">8*10/100/1000Base-TX RJ45 PoE port
2*1000Base-FX SC/SFP(FC or ST is optional) fiber port</td></tr>
<tr><td>Standard</td><td colspan="4">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+)</td></tr>
<tr><td>Dip Switch</td><td colspan="4">1). Port isolation
2). 250m long distance mode
3). QoS
4). PoE watchdog</td></tr>
<tr><td rowspan="11">LED Indicators</td><td rowspan="2">P(Power indicator)
Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
<tr><td colspan="3">On: the device power on is normal</td></tr>
<tr><td rowspan="3">S(PoE usage indicator)
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<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">9-10(Fiber ports)
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<tr><td colspan="5">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤7.5W
PoE power budget ≤240W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
</table>

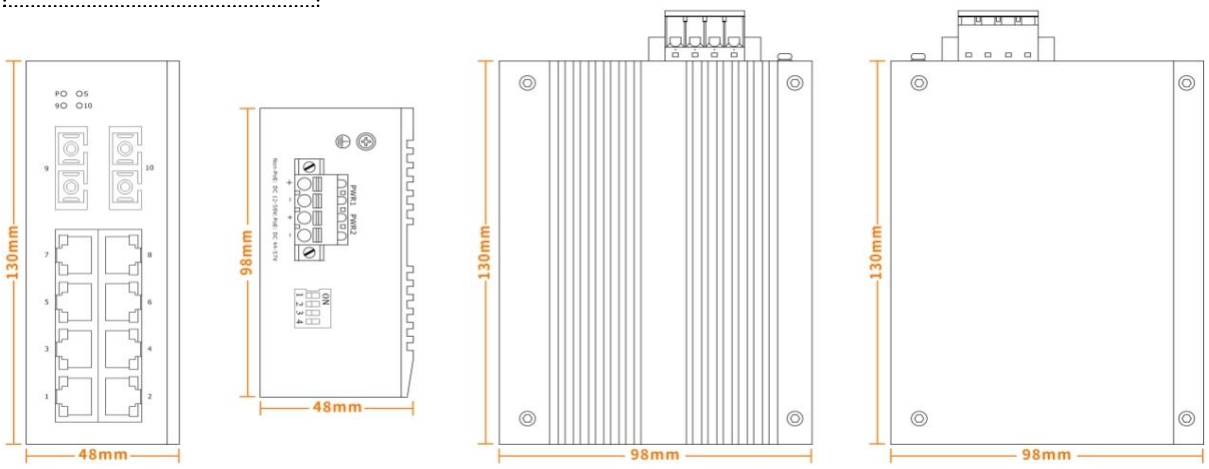
Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

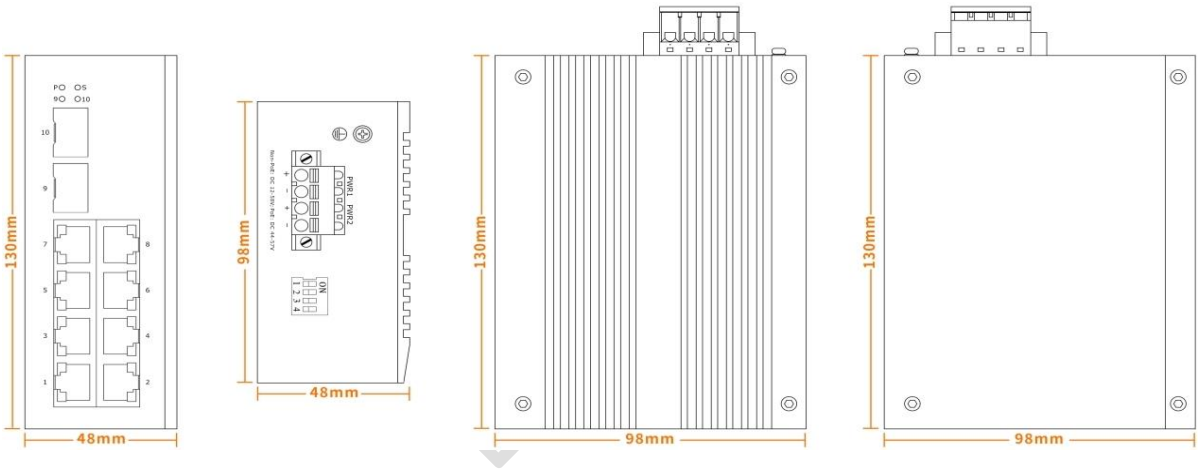
Link Vue

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0208G-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-IPS0208G-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-IPS0208G-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-IPS0208G-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℃ to 75℃.

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℃ to 75℃ 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.

Technical Specification:

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<tr><td rowspan="3">Interface</td><td colspan="2">Fiber port</td><td colspan="2">Copper RJ45 ports</td></tr>
<tr><td colspan="2">4</td><td colspan="2">8</td></tr>
<tr><td colspan="4">8*10/100/1000Base-TX RJ45 PoE port
4*1000Base-X SFP slot</td></tr>
<tr><td>Alarm Port</td><td colspan="4">One relay output for power failure. Alarm relay current carry ability: 1A@24VDC</td></tr>
<tr><td>Standard</td><td colspan="4">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)
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<tr><td>Dip Switch</td><td colspan="4">1). Link aggregation
2). 250m long distance mode
3). QoS
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Green</td><td colspan="3">OLV: the device is power off or failed</td></tr>
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<tr><td>Blinking: data on TX/RX</td></tr>
<tr><td rowspan="3">9-12(Fiber ports)
Green</td><td colspan="3">OLV: ports link down</td></tr>
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<tr><td colspan="3">Blinking: data on TX/RX</td></tr>
<tr><td colspan="4">Power Parameters</td></tr>
<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤7.5W
PoE power budget ≤240W</td></tr>
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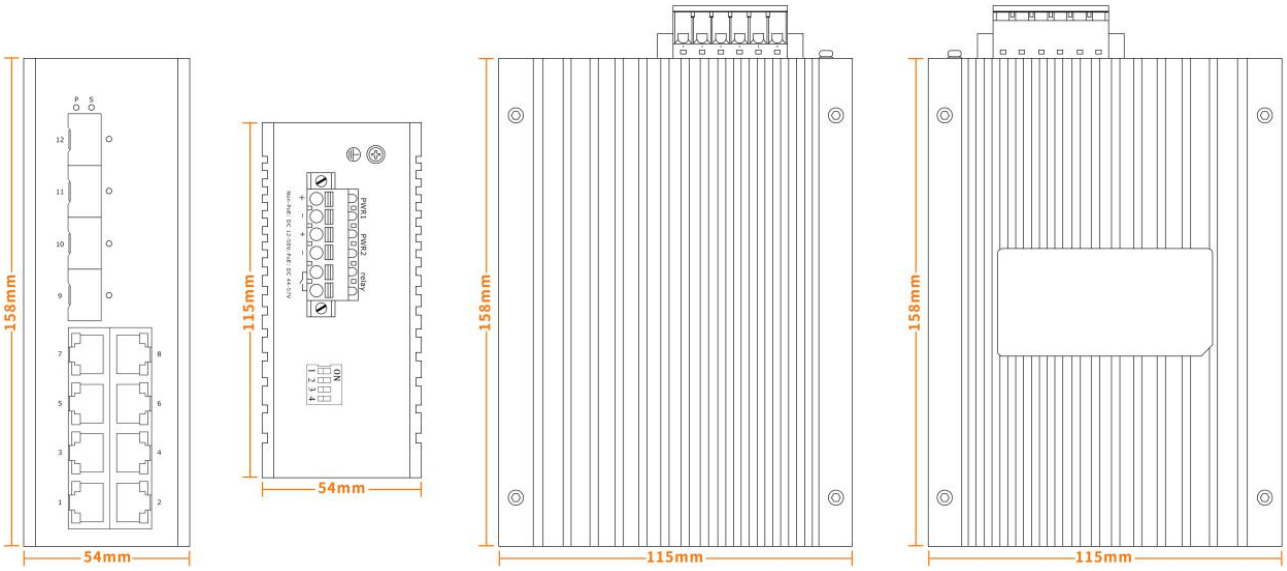
Link Vue

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 Environment	Operating temperature: -40℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

Link Vue

	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:



Order Information:

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.
- Operating temperature: -40℃ to 75℃.

Link Vue

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℃ to 75℃ 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.

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<tr><td>Input voltage</td><td colspan="4">44-57VDC, redundant power input</td></tr>
<tr><td>Input current</td><td colspan="4">5.6A Max</td></tr>
<tr><td>Total power consumption</td><td colspan="4">Full loading without PoE≤6W
PoE power budget ≤240W</td></tr>
<tr><td>Connector</td><td colspan="4">Removable 4-pin terminal block</td></tr>
<tr><td>Reverse polarity protection</td><td colspan="4">Support</td></tr>
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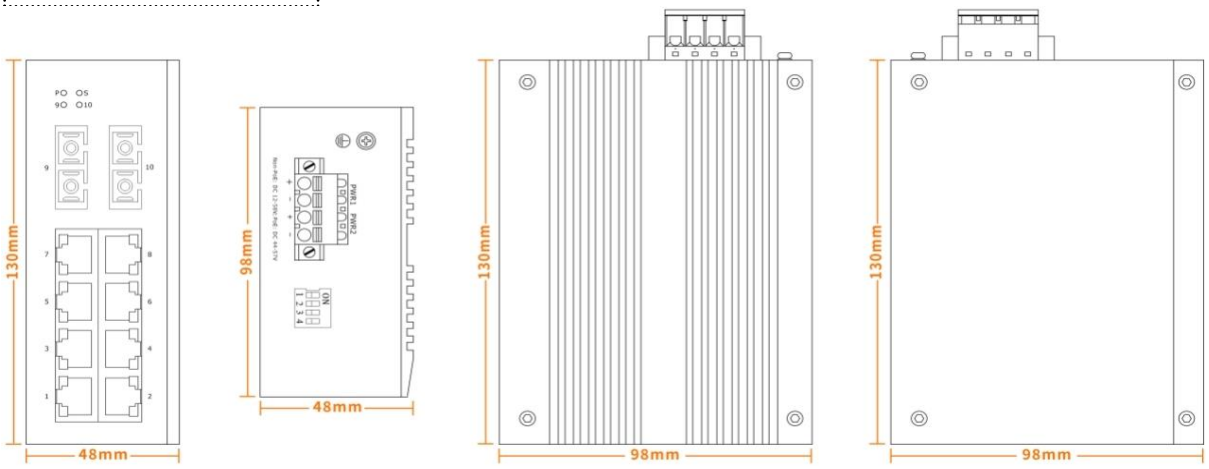
Link Vue

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℃ to 75℃ Storage temperature: -40℃ to 85℃ 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

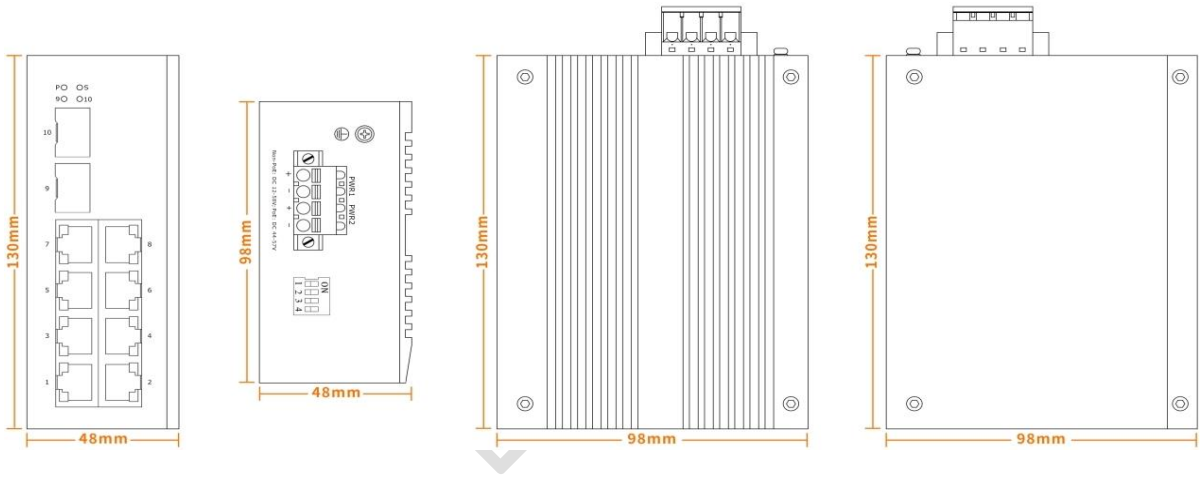
Link Vue

Structure Diagram:

SC/FC/ST Interface



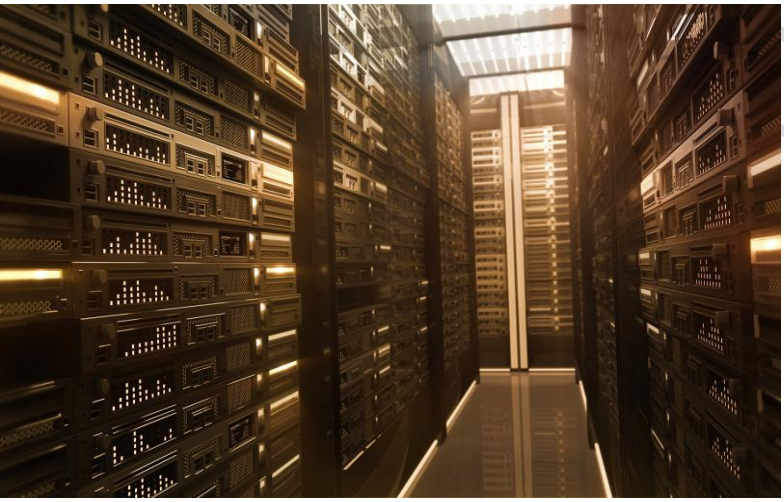
SFP Interface

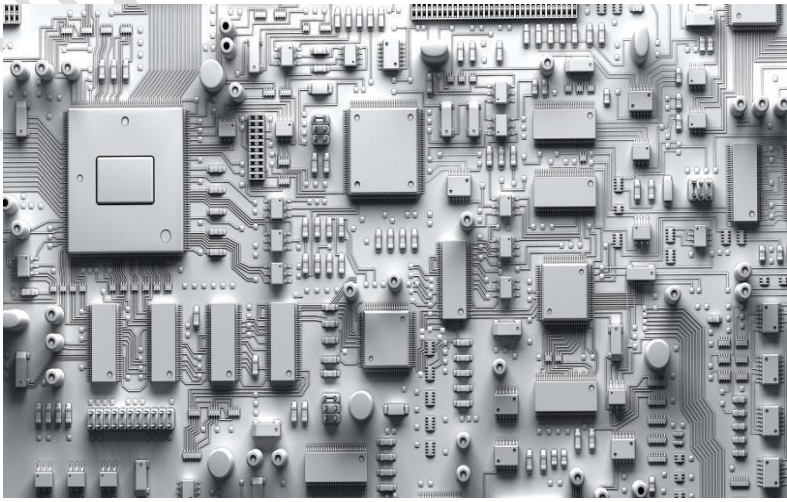


Order Information:

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

LINK VUE SYSTEMS PTY LTD





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