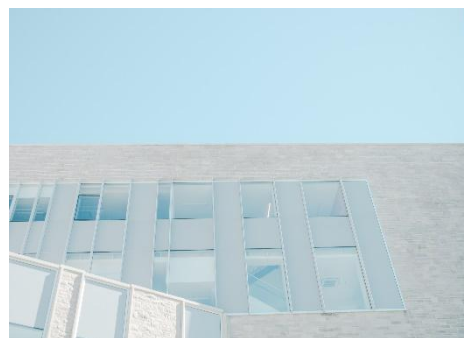
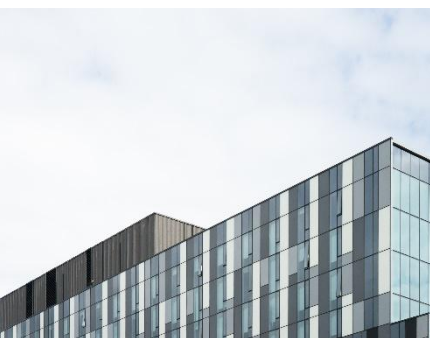




Link Vue System Pty Ltd.

PRODUCT CATALOGUE

**Unmanaged Industrial Ethernet
Switch & Media Converter**



- ☑ IP40 Rated Dust Protection
- ☑ 12-58VDC Wide Range Input
- ☑ -40 to 75°C Wide Temperature

CONTENTS

Unmanaged Industrial Media Converter:

1*10/100Base-TX to 1*100Base-FX	03-06
2*10/100Base-TX to 1*100Base-FX	07-10
2*10/100Base-TX to 2*100Base-X	11-14
1*10/100/1000Base-TX to 1*1000Base-FX	15-18
2*10/100/1000Base-TX to 1*1000Base-FX	19-22
2*10/100/1000Base-TX to 2*1000Base-X	23-26

Unmanaged Industrial Ethernet Switch:

5*10/100Base-TX	27-30
8*10/100Base-TX	31-34
16*10/100Base-TX	35-38
4*10/100Base-TX to 1*100Base-FX	39-42
8*10/100Base-TX to 1*100Base-FX	43-46
4*10/100Base-TX to 2*100Base-FX	47-50
6*10/100Base-TX to 2*100Base-FX	51-54
5*10/100/1000Base-TX	55-58
8*10/100/1000Base-TX	59-62
16*10/100/1000Base-TX	63-66
4*10/100/1000Base-TX to 1*1000Base-FX	67-70
5*10/100/1000Base-TX to 1*1000Base-X	71-74
8*10/100/1000Base-TX to 1*1000Base-FX	75-78
4*10/100/1000Base-TX to 2*1000Base-X	79-82
8*10/100/1000Base-TX to 2*1000Base-FX	83-86
8*10/100/1000Base-TX to 4*1000Base-X	87-90
8*10/100Base-TX to 1*1000Base-FX	91-94
8*10/100Base-TX to 2*1000Base-FX	95-98

LV-IMC0101F Series

1*10/100Base-TX to 1*100Base-FX

Compact Size Industrial Media Converter



CE FCC



Features:

- 1*10/100Base-TX RJ45 port, 1*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). LFP, 2). Flow control, 3). Broadcast storm restrain, 4). 10Kbytes jumbo frame.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.

Overview:

The Link Vue LV-IMC0101F is the unmanaged industrial grade media converter with 1-port 10/100Base-TX RJ45 and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with LFP, flow control, broadcast storm restrain and 10Kbytes jumbo frame function, which all can be configured by the Dip switch on the top panel.

LV-IMC0101F series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.

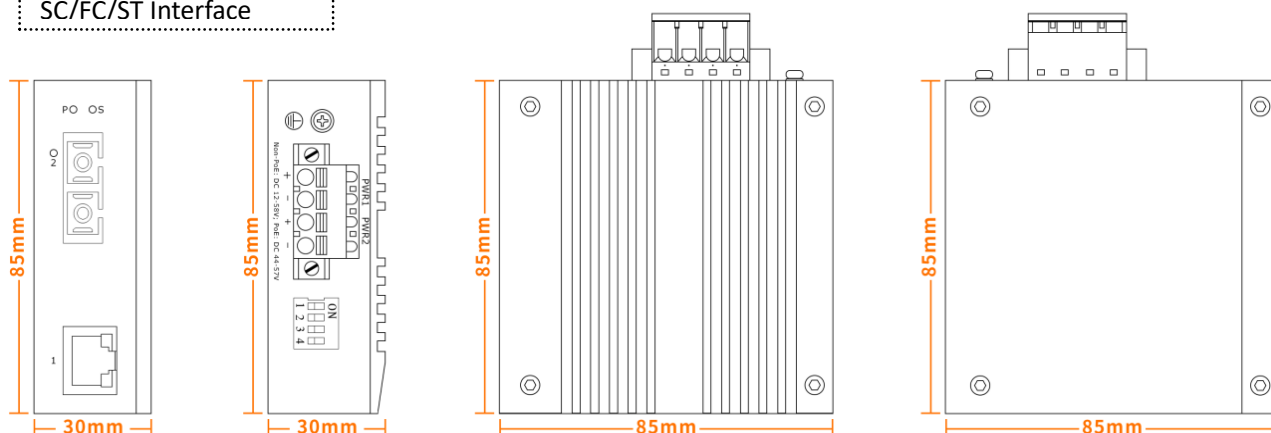
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		1	
	1*10/100Base-TXRJ45 port 1*100Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). 10Kbytes jumbo frame			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/ write is unnormal		
	1(Copper port)	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		
	2(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.2A Max			
Total power consumption	Full loading ≤2W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

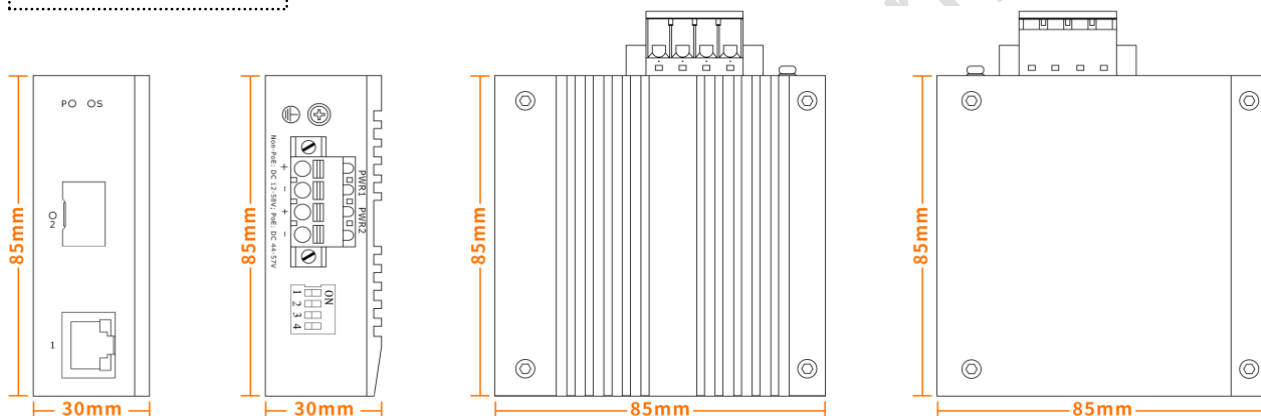
Switching capacity	1.0G
Packet forwarding rate	0.744 Mpps
MAC address table	2K
VLAN	2K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IMC0101F-SFP	Industrial media converter, 1*10/100Base-TX RJ45 port and 1*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IMC0101F-SC	Industrial media converter, 1*10/100Base-TX RJ45 port and 1*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IMC0101F-FC	Industrial media converter, 1*10/100Base-TX RJ45 port and 1*100Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IMC0101F-ST	Industrial media converter, 1*10/100Base-TX RJ45 port and 1*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature

LV-IMC0102F Series

2*10/100Base-TX to 1*100Base-FX

Compact Size Industrial Media Converter



Features:

- 2*10/100Base-TX RJ45 port, 1*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). LFP, 2). Flow control, 3). Broadcast storm restrain, 4). 10K bytes jumbo frame.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.

Overview:

The Link Vue LV-IMC0102F is the unmanaged industrial grade media converter with 2-port 10/100Base-TX RJ45 and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with LFP, flow control, broadcast storm restrain and 10Kbytes jumbo frame function, which all can be configured by the Dip switch on the top panel.

LV-IMC0102F series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.

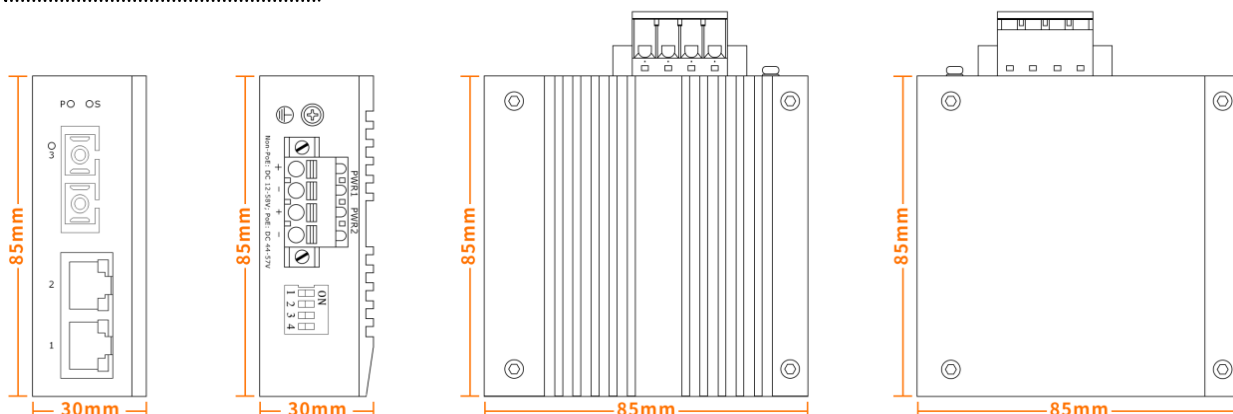
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		2	
	2*10/100Base-TXRJ45 port 1*100Base-FXSC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). 10K bytes jumbo frame			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-2(Copper port)	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		
	3(Fiber port) Green	OLV: ports link down		
		On: ports link up		
Blinking: data on TX/RX				
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.2A Max			
Total power consumption	Full loading ≤2.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

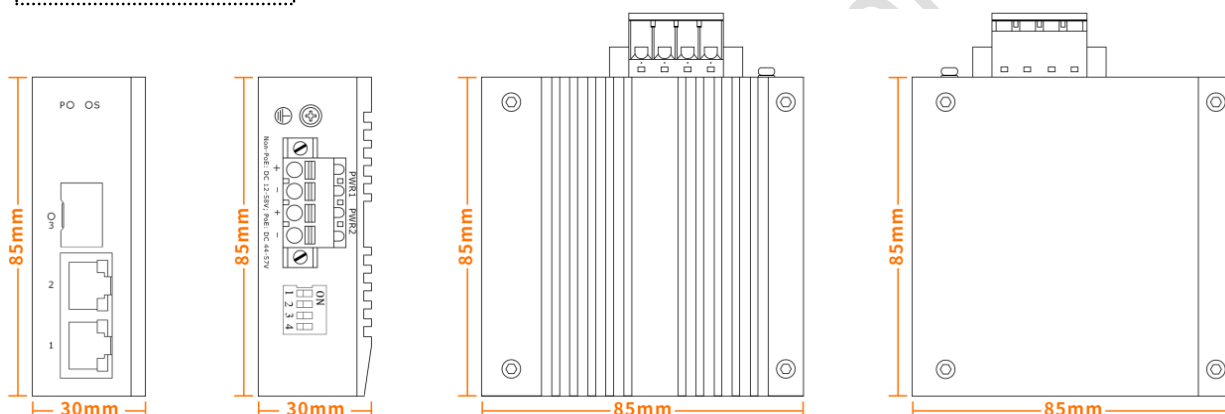
Switching capacity	1.0G
Packet forwarding rate	0.744 Mpps
MAC address table	2K
VLAN	2K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IMC0102F-SFP	Industrial media converter, 2*10/100Base-TX RJ45 port and 1*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IMC0102F-SC	Industrial media converter,2*10/100Base-TX RJ45 port and 1*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IMC0102F-FC	Industrial media converter,2*10/100Base-TX RJ45 port and 1*100Base-FX FC port, .Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IMC0102F-ST	Industrial media converter,2*10/100Base-TX RJ45 port and 1*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature

LV-IMC0202F Series

2*10/100Base-TX to 2*100Base-X

Compact Size Industrial Media Converter



CE FCC RoHS compliant

Features:

- 2*10/100Base-TX RJ45 port, 2*100Base-XSFP slot.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). LFP, 2). Flow control, 3). Broadcast storm restrain, 4). 10Kbytes jumbo frame.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.

Overview:

The Link VueLV-IMC0202Fis the unmanaged industrial grade media converter with 2-port 10/100Base-TX RJ45 and 2-port 100Base-X SFP slot. It is featuring with LFP, flow control, broadcast storm restrain and 10Kbytes jumbo frame function, which all can be configured by the Dip switch on the top panel.

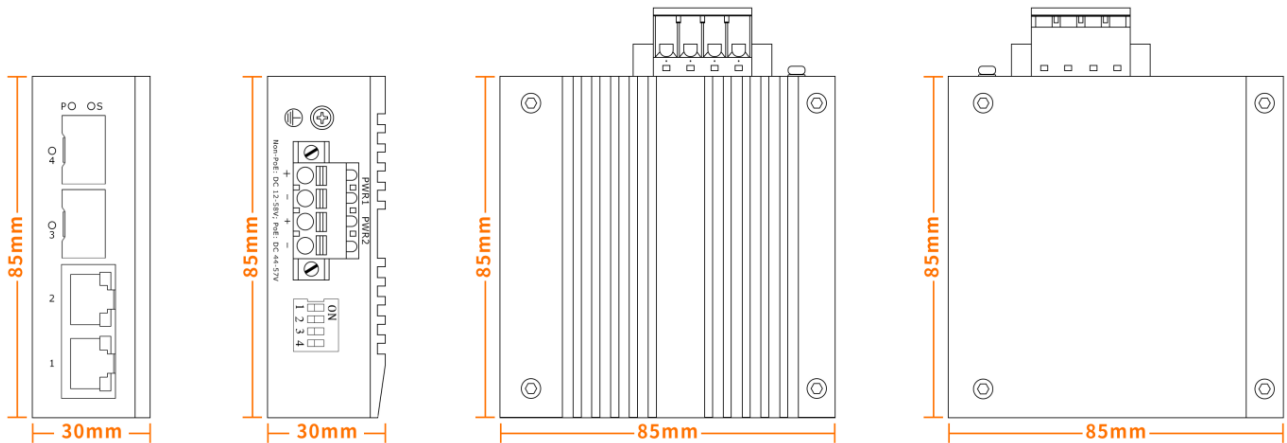
LV-IMC0202F series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°Cto 75°Cas well as high-level EMI/EMC capability etc. They are 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	
	2		2	
	2*10/100Base-TXRJ45 port 2*100Base-X SFP slot			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). 10Kbytes jumbo frame			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-2(Copper port)	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		
	3-4(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.3A Max			
Total power consumption	Full loading ≤2.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

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

Structure Diagram:



Order Information:

Model No.	Description
LV-IMC0202F-SFP	Industrial media converter, 2*10/100Base-TX RJ45 port and 2*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)

LV-IMC0101G Series

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

Features:

- 1*10/100/1000Base-TX RJ45 port, 1*1000Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). LFP, 2). Flow control, 3). Broadcast storm restrain, 4). Fiber port 100/1000M selection.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.



1000Mbps
Hi-Speed
Ethernet



CE FCC



Overview:

The Link Vue LV-IMC0101G is the unmanaged industrial grade media converter with 1-port 10/100/1000Base-TX RJ45 and 1-port 1000Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with LFP, flow control, broadcast storm restrain and fiber port 100/1000M selection function, which all can be configured by the Dip switch on the top panel.

LV-IMC0101G series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.

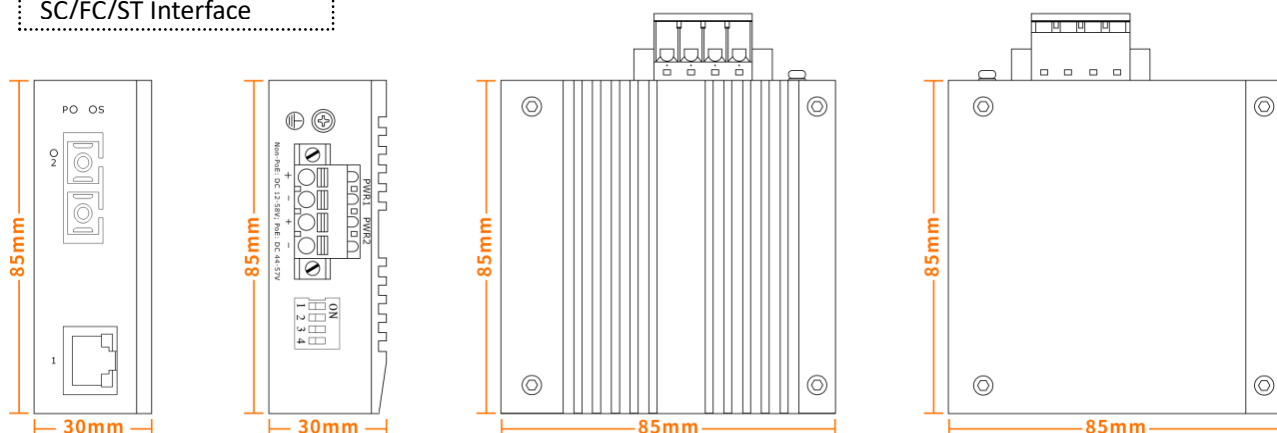
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		1	
	1*10/100/1000Base-TXRJ45 port 1*1000Base-FXSC/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			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). Fiber port 100/1000M selection			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1(Copper port)	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		
	2(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.2A Max			
Total power consumption	Full loading ≤2W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

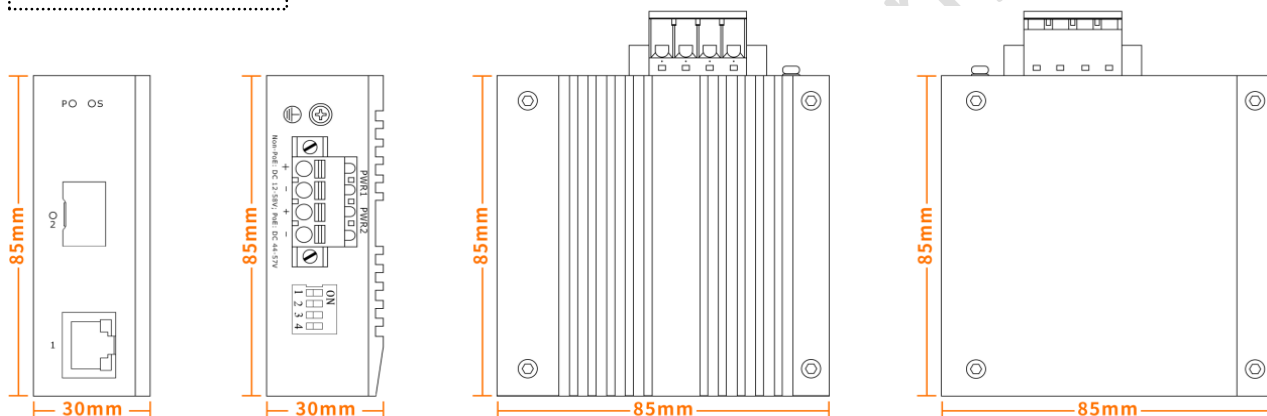
Switching Features	
Switching capacity	2.0G
Packet forwarding rate	2.97 Mpps
MAC address table	8K
VLAN	4K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IMC0101G-SFP	Industrial media converter, 1*10/100/1000Base-TX RJ45 port and 1*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature (Fiber port transmission distance depending on the SFP module)
LV-IMC0101G-SC	Industrial media converter, 1*10/100/1000Base-TX RJ45 port and 1*1000Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IMC0101G-FC	Industrial media converter, 1*10/100/1000Base-TX RJ45 port and 1*1000Base-FXFC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IMC0101G-ST	Industrial media converter, 1*10/100/1000Base-TX RJ45 port and 1*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IMC0102G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 2*10/100/1000Base-TX RJ45 port, 1*1000Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). LFP, 2). Flow control, 3). Broadcast storm restrain, 4). Fiber port 100/1000M selection.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.

Overview:

The Link Vue LV-IMC0102G is the unmanaged industrial grade media converter with 2-port 10/100/1000Base-TX RJ45 and 1-port 1000Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with LFP, flow control, broadcast storm restrain and fiber port 100/1000M selection function, which all can be configured by the Dip switch on the top panel.

LV-IMC0102G series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°Cs as well as high-level EMI/EMC capability etc. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.

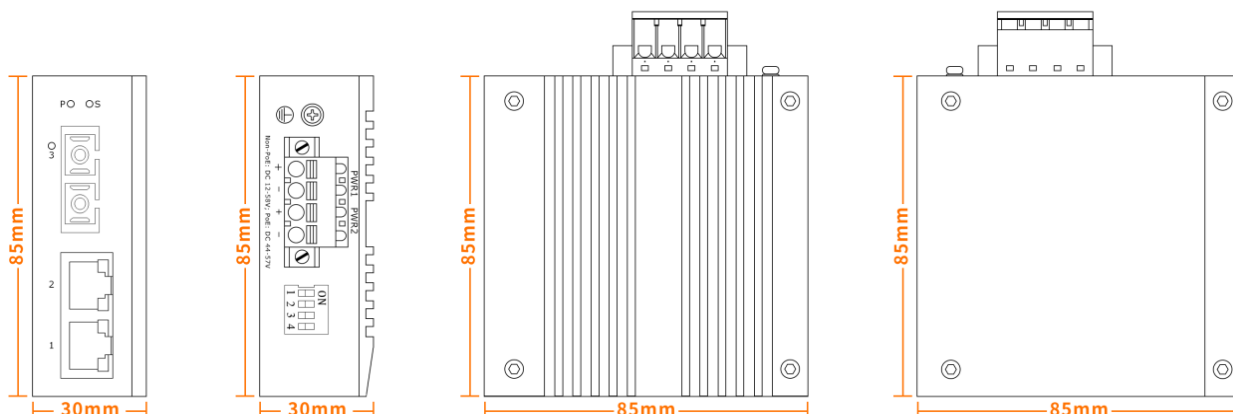
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		2	
	2*10/100/1000Base-TX RJ45 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			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). Fiber port 100/1000M selection			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-2(Copper port)	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		
	3(Fiber port) Green	OLV: ports link down		
		On: ports link up		
Blinking: data on TX/RX				
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.2A Max			
Total power consumption	Full loading ≤2.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

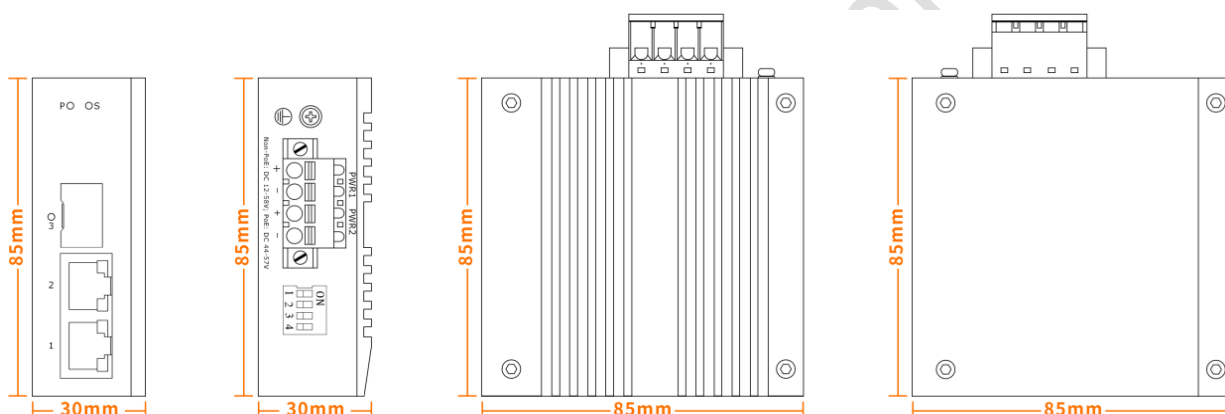
Switching Features	
Switching capacity	6.0G
Packet forwarding rate	8.92 Mpps
MAC address table	8K
VLAN	4K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IMC0102G-SFP	Industrial media converter, 2*10/100/1000Base-TX RJ45 port and 1*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IMC0102G-SC	Industrial media converter,2*10/100/1000Base-TX RJ45 port and 1*1000Base-FX SC port,Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IMC0102G-FC	Industrial media converter,2*10/100/1000Base-TX RJ45 port and 1*1000Base-FXFC port,Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IMC0102G-ST	Industrial media converter,2*10/100/1000Base-TX RJ45 port and 1*1000Base-FX ST port,Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IMC0202G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 2*10/100/1000Base-TX RJ45 port, 2*1000Base-XSFP slot.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1).LFP, 2). Flow control, 3). Broadcast storm restrain, 4). Fiber port 100/1000M selection.
- Support watchdog, it can reboot automatically if the device is frozen.
- 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°C to 75°C.

Overview:

The Link VueLV-IMC0202Gis the unmanaged industrial grade media converter with 2-port 10/100/1000Base-TX RJ45 and 2-port 1000Base-XSFP slot. It is featuring with LFP, flow control, broadcast storm restrain and fiber port 100/1000M selection function, which all can be configured by the Dip switch on the top panel.

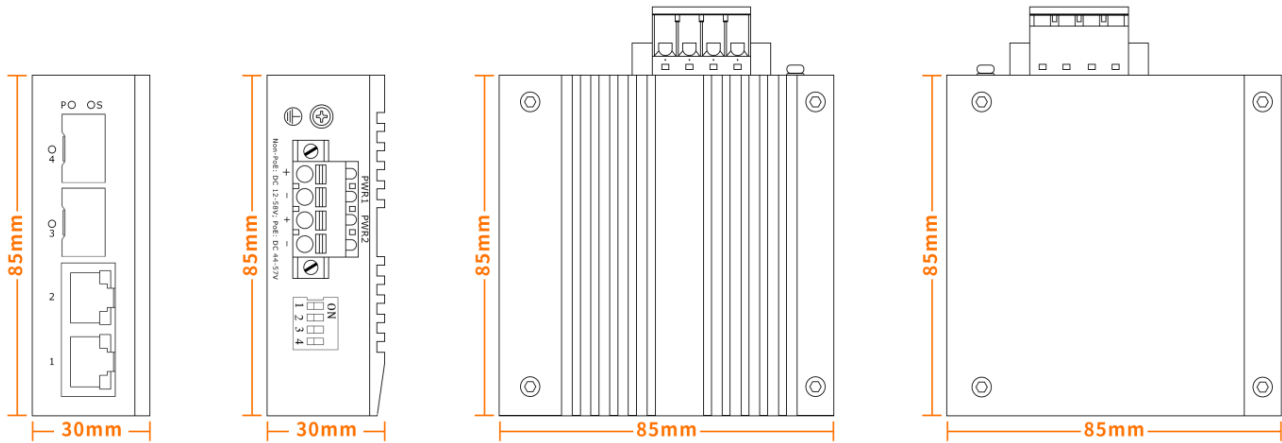
LV-IMC0202G series are also high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°Cs as well as high-level EMI/EMC capability etc. They are 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	
	2		2	
	2*10/100/1000Base-TXRJ45 port 2*1000Base-X SFP slot			
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			
Dip Switch	1). LFP 2). Flow control 3). Broadcast storm restrain 4). Fiber port 100/1000M selection			
LED Indicators	P(Power indicator) Green		OLV: the device is power off or failed	
			On: the device power on is normal	
	S(System indicator) Red		OLV: the chip is normal	
			On: the chip read/write is unnormal	
	1-2(Copper port)		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	
	3-4(Fiber port) Green		OLV: ports link down	
			On: ports link up	
			Blinking: data on TX/RX	
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.3A Max			
Total power consumption	Full loading ≤3W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

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

Structure Diagram:



Order Information:

Model No.	Description
LV-IMC0202G-SFP	Industrial media converter, 2*10/100/1000Base-TX RJ45 port and 2*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature (Fiber port transmission distance depending on the SFP module)

LV-IES0005F Series

5*10/100Base-TX Unmanaged Industrial Ethernet Switch



Features:

- 5*10/100Base-TX RJ45 port(No. 5 is the uplink port).
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0005F is the unmanaged industrial grade Ethernet switch with 5-port 10/100Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

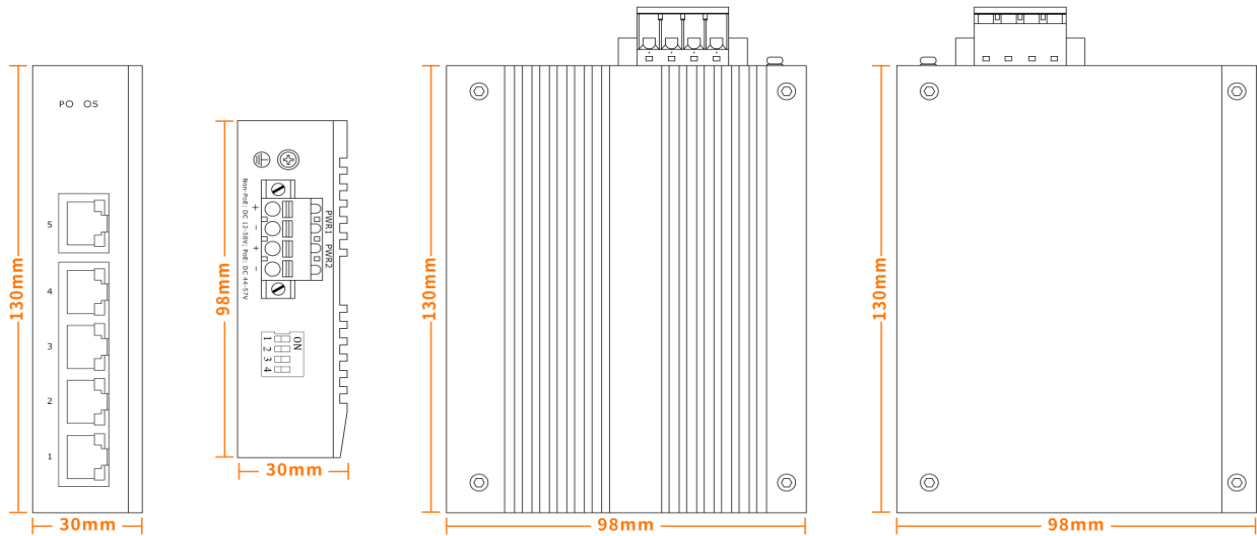
LV-IES0005F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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	
	5*10/100Base-TX RJ45 port(No.5 is the uplink port)			
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-5(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	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤4W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.0G			

Packet forwarding rate	1.48 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 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	<p>Operating temperature: -40°C to 75°C</p> <p>Storage temperature: -40°C to 85°C</p> <p>Relative humidity: 5% to 95%(non-condensing)</p>
Industrial Standard	<p>Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us)</p> <p>Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us)</p> <p>DIP: IEC 61000-4-11Level 3(10V)</p> <p>ESD: IEC 61000-4-2 Level 4(8kV/15kV)</p> <p>Shock: IEC 60068-2-27</p> <p>Free fall: IEC 60068-2-32</p> <p>Vibration: IEC 60068-2-6</p>
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0005F	Unmanaged industrial Ethernet switch, 5*10/100Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature

LV-IES0008F Series

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



Features:

- 8*10/100Base-TX RJ45 port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0008F is the unmanaged industrial grade Ethernet switch with 8-port 10/100Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

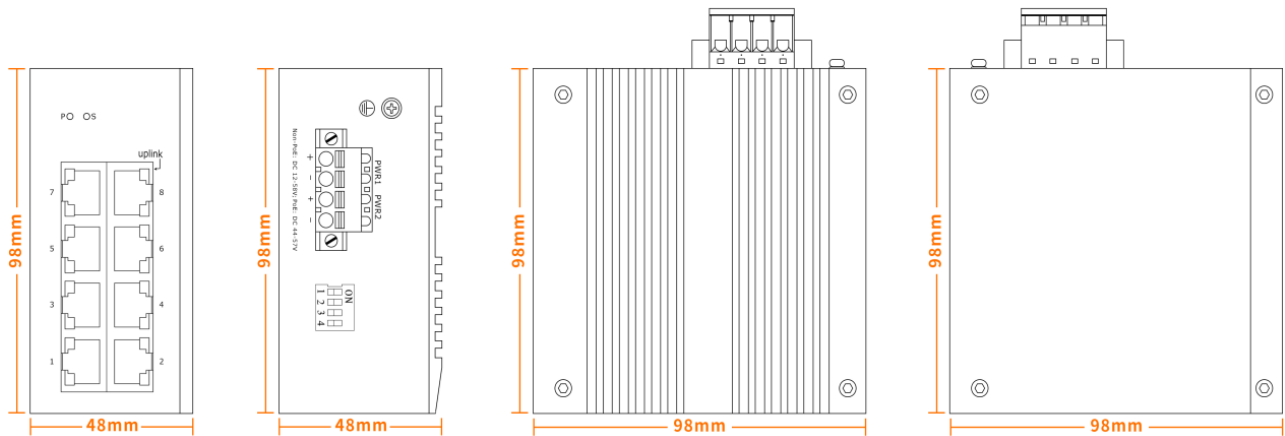
LV-IES0008F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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 RJ45 port			
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(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	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤4W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				
Switching capacity	1.6G			

Packet forwarding rate	2.38 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 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	<p>Operating temperature: -40°C to 75°C</p> <p>Storage temperature: -40°C to 85°C</p> <p>Relative humidity: 5% to 95%(non-condensing)</p>
Industrial Standard	<p>Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us)</p> <p>Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us)</p> <p>DIP: IEC 61000-4-11Level 3(10V)</p> <p>ESD: IEC 61000-4-2 Level 4(8kV/15kV)</p> <p>Shock: IEC 60068-2-27</p> <p>Free fall: IEC 60068-2-32</p> <p>Vibration: IEC 60068-2-6</p>
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0008F	Unmanaged industrial Ethernet switch, 8*10/100Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature

LV-IES0016F Series

16*10/100Base-TX Unmanaged Industrial Ethernet Switch



Features:

- 16*10/100Base-TX RJ45 port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Support one output relay alarm (terminal block Pin 5/6) for DC power failure.
- Support powerful Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link Vue LV-IES0016F is the highly reliable unmanaged industrial grade Ethernet switch with 16-port 10/100Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

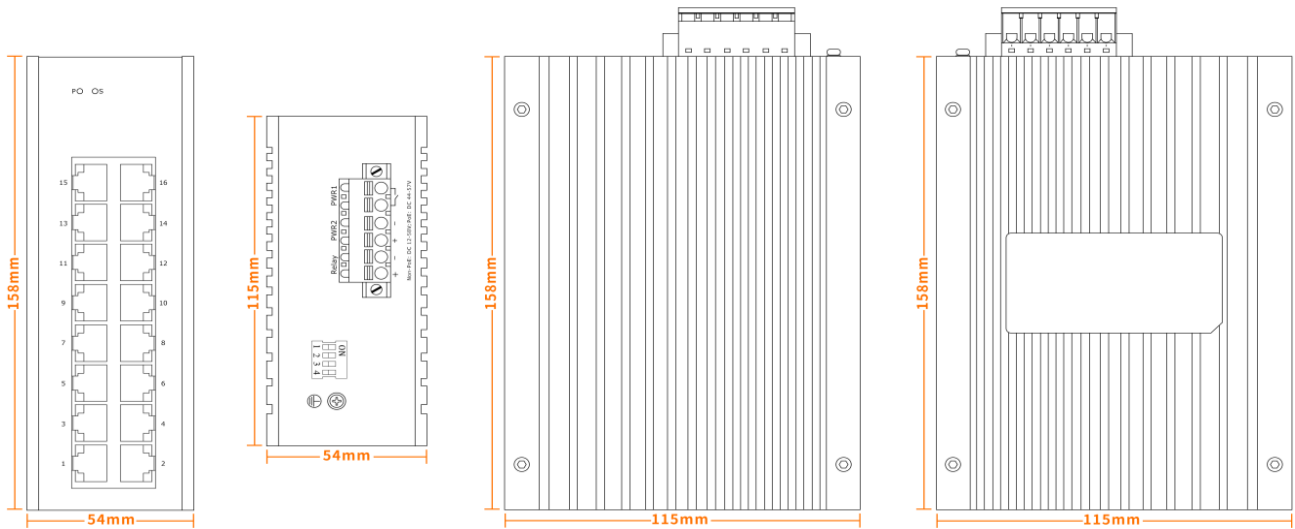
LV-IES0016F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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*10/100Base-TX RJ45 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 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-16(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	12-58VDC, redundant power input			
Input current	0.6A Max			
Total power consumption	Full loading ≤8W			
Connector	Removable 6-pin terminal block, Pin 5-6 for relay alarm output			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Over-current protection	Support			
Switching Features				
Switching capacity	3.2G			

Packet forwarding rate	4.76 Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection	IP40
Installation method	DIN-Rail
Dimension(W*D*H)mm	54*115*158mm
Weight	1.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	EMI: FCC Part 15B Class A Surge protection of power: IEC 61000-4-56KV/4KV(8/20us) Surge protection of Ethernet ports: IEC 61000-4-56KV/2KV(10/700us) RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m EFT: IEC 61000-4-4, power interface: 4kV, Ethernet ports: 2kV CS: IEC 61000-4-6 10V ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0016F	Unmanaged industrial Ethernet switch, 16*10/100Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature

LV-IES0104F Series

4*10/100Base-TX to 1*100Base-FX

Unmanaged Industrial Ethernet Switch



CE FCC RoHS compliant

Features:

- 4*10/100Base-TX RJ45 port, 1*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 9Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0104F is the unmanaged industrial grade Ethernet switch with 4-port 10/100Base-TX RJ45 and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0104F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

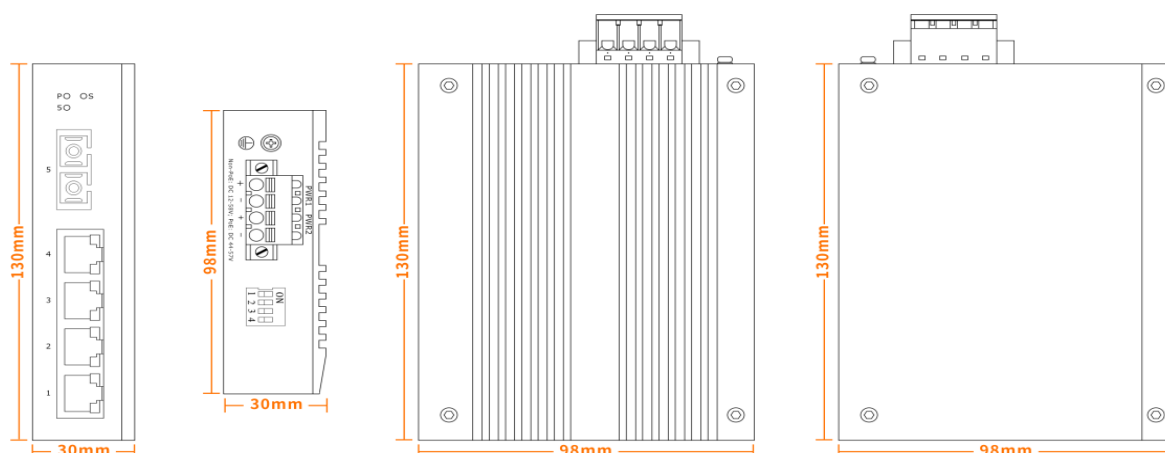
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		4	
	4*10/100Base-TXRJ45 port 1*100Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-4(Copper port)	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		
		5(Fiber port) Green	OLV: ports link down	
	On: ports link up			
	Blinking: data on TX/RX			
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤3W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

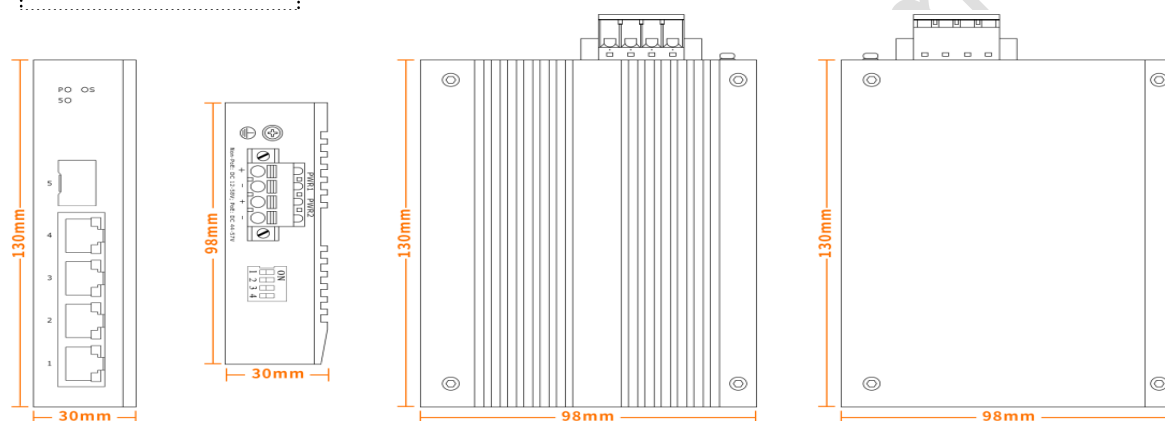
Switching capacity	1.0G
Packet forwarding rate	1.48 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0104F-SFP	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 1*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0104F-SC	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 1*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0104F-FC	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 1*100Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0104F-ST	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 1*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IES0108F Series

8*10/100Base-TX to 1*100Base-FX

Unmanaged Industrial Ethernet Switch



CE FCC RoHS compliant

Features:

- 8*10/100Base-TX RJ45 port, 1*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 9Kbytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link Vue LV-IES0108F is the unmanaged industrial grade Ethernet switch with 8-port 10/100Base-TX RJ45 and 1-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0108F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

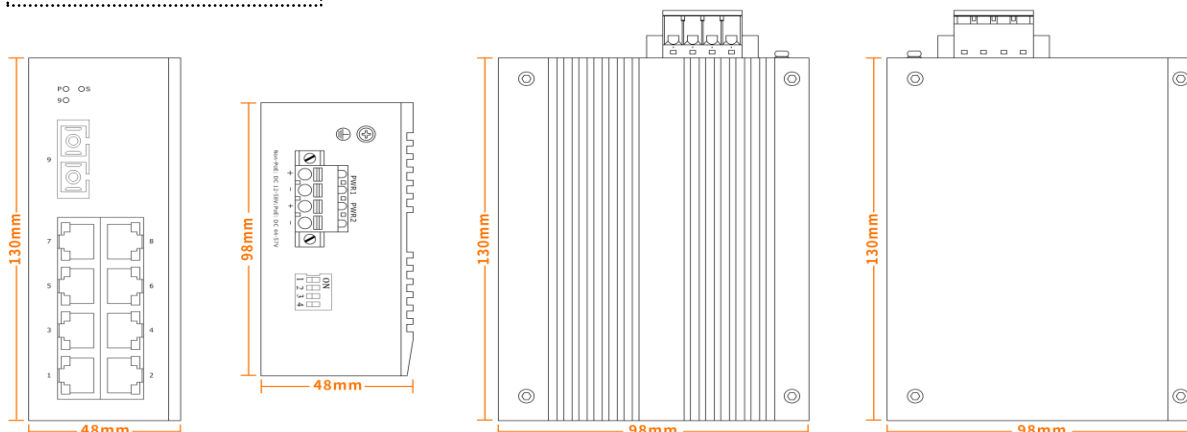
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		8	
	8*10/100Base-TXRJ45 port 1*100Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
		9(Fiber port) Green	OLV: ports link down	
	On: ports link up			
	Blinking: data on TX/RX			
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

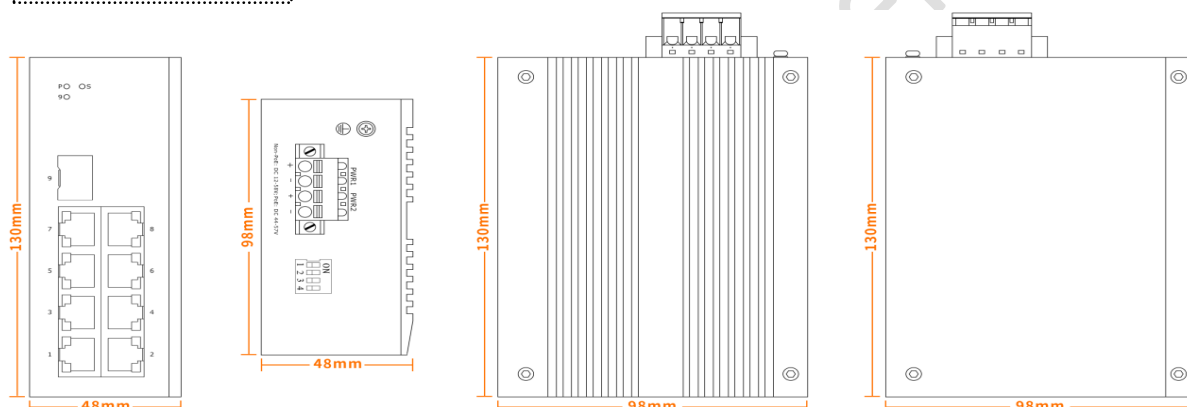
Switching capacity	1.8G
Packet forwarding rate	2.67 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 9Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0108F-SFP	Unmanaged industrial Ethernet switch, 8*10/100Base-TX RJ45 port and 1*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0108F-SC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0108F-FC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*100Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0108F-ST	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IES0204F Series

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



CE FCC RoHS compliant

Features:

- 4*10/100Base-TX RJ45 port, 2*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 9Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0204F is the unmanaged industrial grade Ethernet switch with 4-port 10/100Base-TX RJ45 and 2-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0204F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

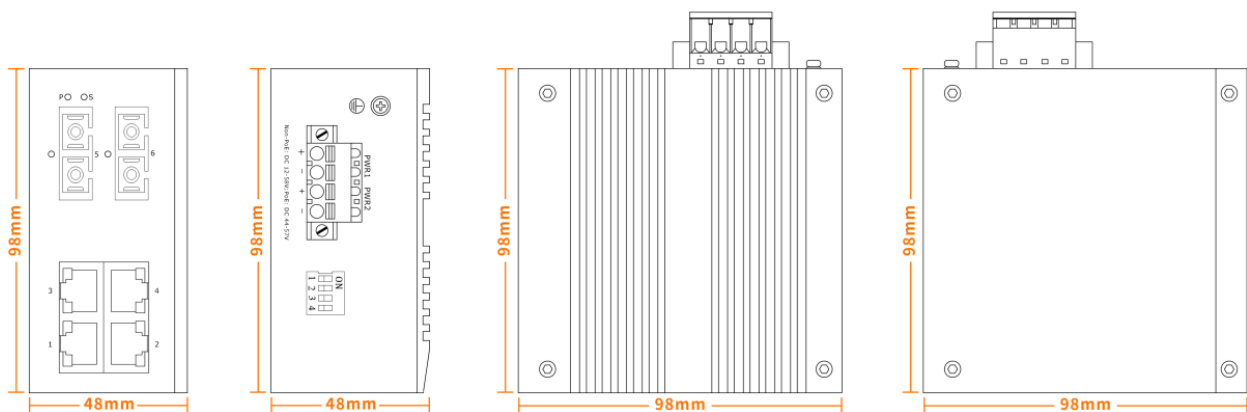
Technical Specification:

Interface	Fiber port		Copper RJ45 ports		
	2		4		
	4*10/100Base-TXRJ45 port 2*100Base-FXSC/SFP(FC or ST is optional) fiber port				
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet				
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain				
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed			
		On: the device power on is normal			
	S(System indicator) Red	OLV: the chip is normal			
		On: the chip read/write is unnormal			
	1-4(Copper port)	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			
		5-6(Fiber port) Green	OLV: ports link down		
			On: ports link up		
	Blinking: data on TX/RX				
	Power Parameters				
Input voltage	12-58VDC, redundant power input				
Input current	0.5A Max				
Total power consumption	Full loading ≤5W				
Connector	Removable 4-pin terminal block				
Reverse polarity protection	Support				
Over-voltage protection	Support				
Switching Features					

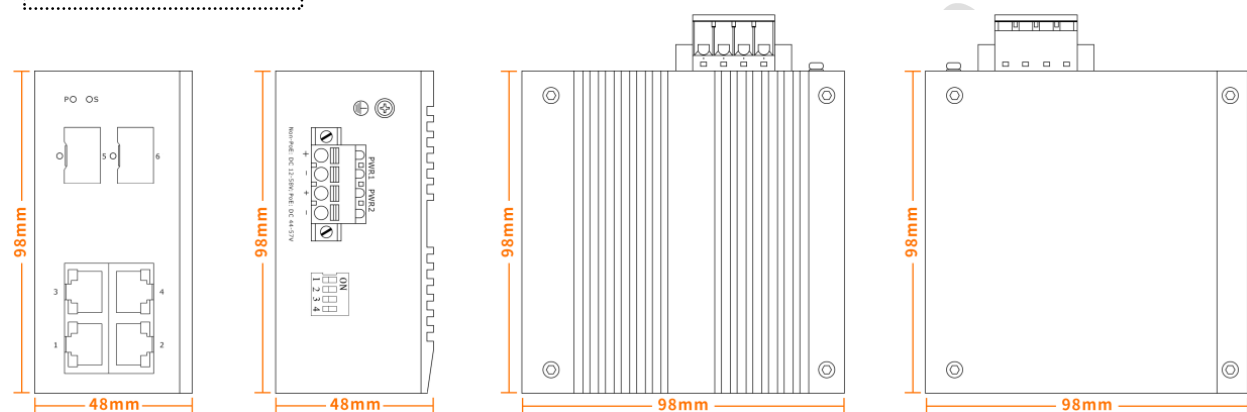
Switching capacity	1.2G
Packet forwarding rate	1.78 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 9Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection	IP40
Installation method	DIN-Rail
Dimension(W*D*H)mm	48*98*98mm
Weight	0.6 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0204F-SFP	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 2*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0204F-SC	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 2*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IES0204F-FC	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 2*100Base-FXFC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IES0204F-ST	Unmanaged industrial Ethernet switch, 4*10/100Base-TX RJ45 port and 2*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature

LV-IES0206F Series

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



CE FCC RoHS compliant

Features:

- 6*10/100Base-TX RJ45 port, 2*100Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 9Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0206F is the unmanaged industrial grade Ethernet switch with 6-port 10/100Base-TX RJ45 and 2-port 100Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0206F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

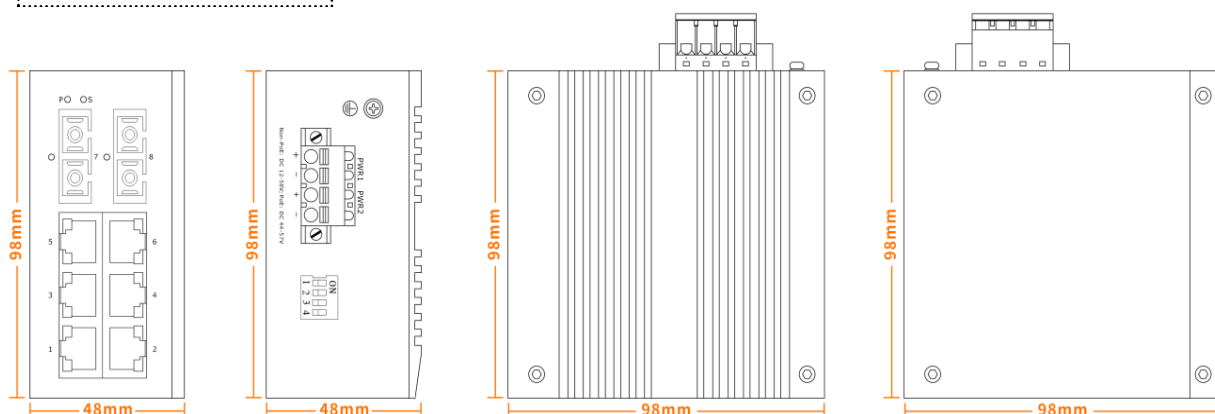
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	2		6	
	6*10/100Base-TXRJ45 port 2*100Base-FXSC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-6(Copper port)	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		
	7-8(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

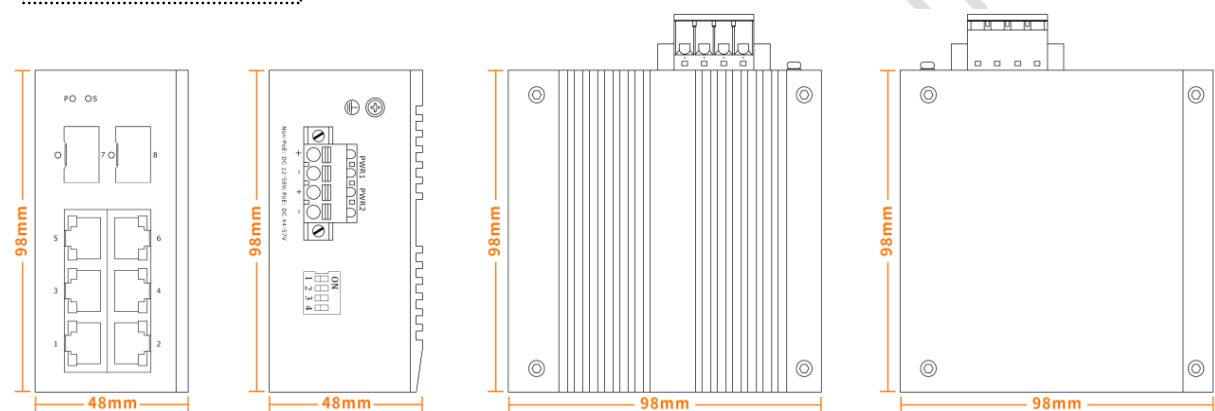
Switching Features	
Switching capacity	1.6G
Packet forwarding rate	2.38 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 9Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0206F-SFP	Unmanaged industrial Ethernet switch, 6*10/100Base-TX RJ45 port and 2*100Base-X SFP slot, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0206F-SC	Unmanaged industrial Ethernet switch, 6*10/100Base-TX RJ45 port and 2*100Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IES0206F-FC	Unmanaged industrial Ethernet switch, 6*10/100Base-TX RJ45 port and 2*100Base-FXFC port ,Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature
LV-IES0206F-ST	Unmanaged industrial Ethernet switch, 6*10/100Base-TX RJ45 port and 2*100Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 2Km, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40° C to 75° C operating temperature

LV-IES0005G Series

5*10/100/1000Base-TX Unmanaged Industrial Ethernet Switch



Features:

- 5*10/100/1000Base-TX RJ45 port (No. 5 is the uplink port).
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size (30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IES0005G is the unmanaged industrial grade Ethernet switch with 5-port 10/100/1000Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

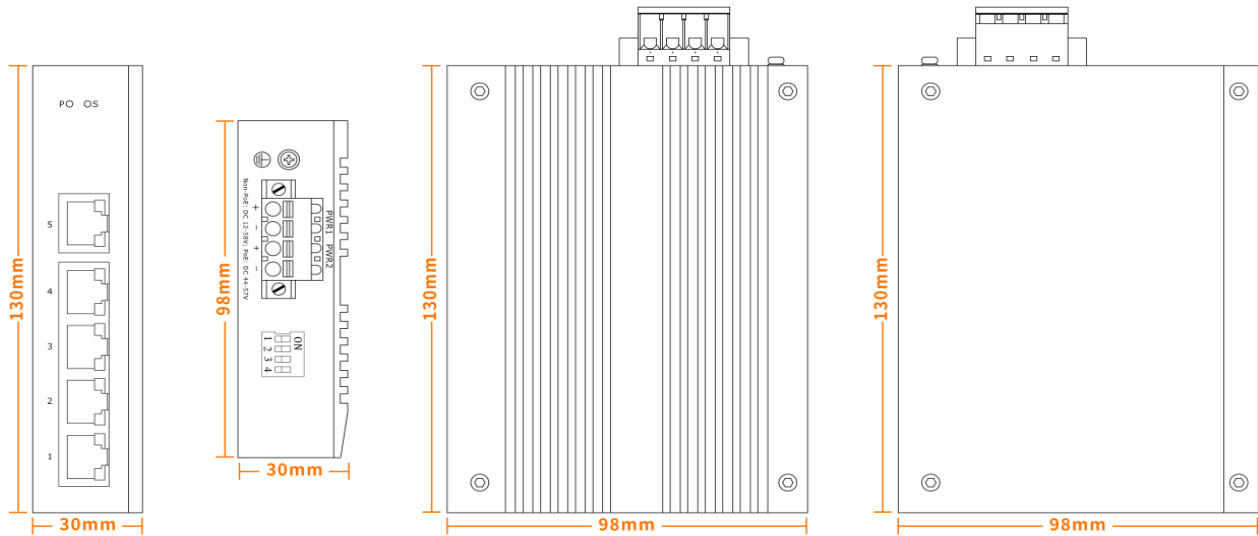
LV-IES0005G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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	
	5*10/100/1000Base-TX RJ45 port(No.5 is the 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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-5(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	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				
Switching capacity	10G			
Packet forwarding rate	14.8 Mpps			

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

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0005G	Unmanaged industrial Ethernet switch, 5*10/100/1000Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature

LV-IES0008G Series

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



Features:

- 8*10/100/1000Base-TX RJ45 port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(48*98*98mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0008Gis the unmanaged industrial grade Ethernet switch with 8-port 10/100/1000Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

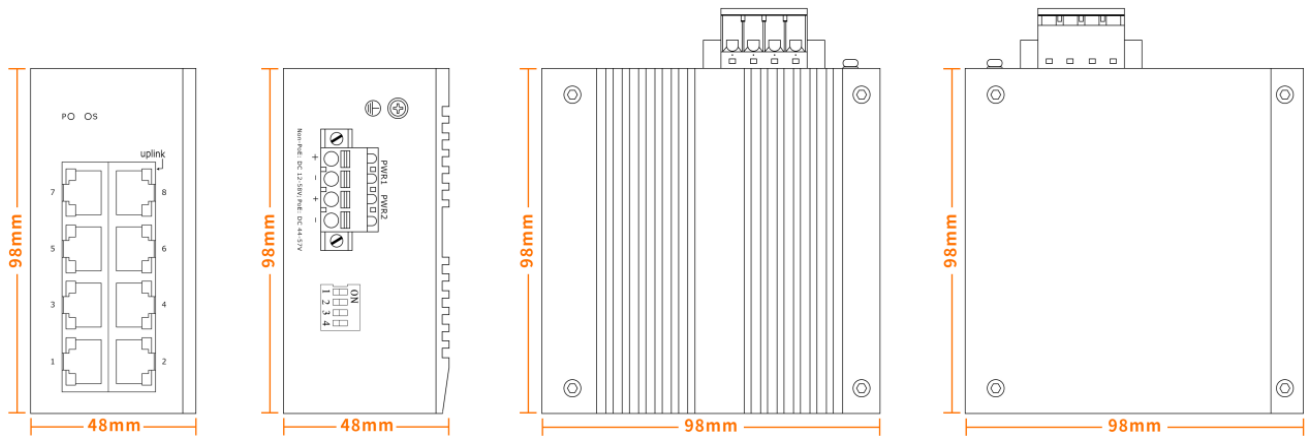
LV-IES0008G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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*10/100/1000Base-TX RJ45 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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(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	12-58VDC, redundant power input			
Input current	0.6A Max			
Total power consumption	Full loading ≤5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				
Switching capacity	16G			

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

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0008G	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature

LV-IES0016G Series

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

Features:

- 16*10/100/1000Base-TX RJ45 port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Support one output relay alarm (terminal block Pin 5/6) for DC power failure.
- Support powerful Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- 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°C to 75°C.



Overview:

The Link Vue LV-IES0016G is the highly reliable unmanaged industrial grade Ethernet switch with 16-port 10/100/1000Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

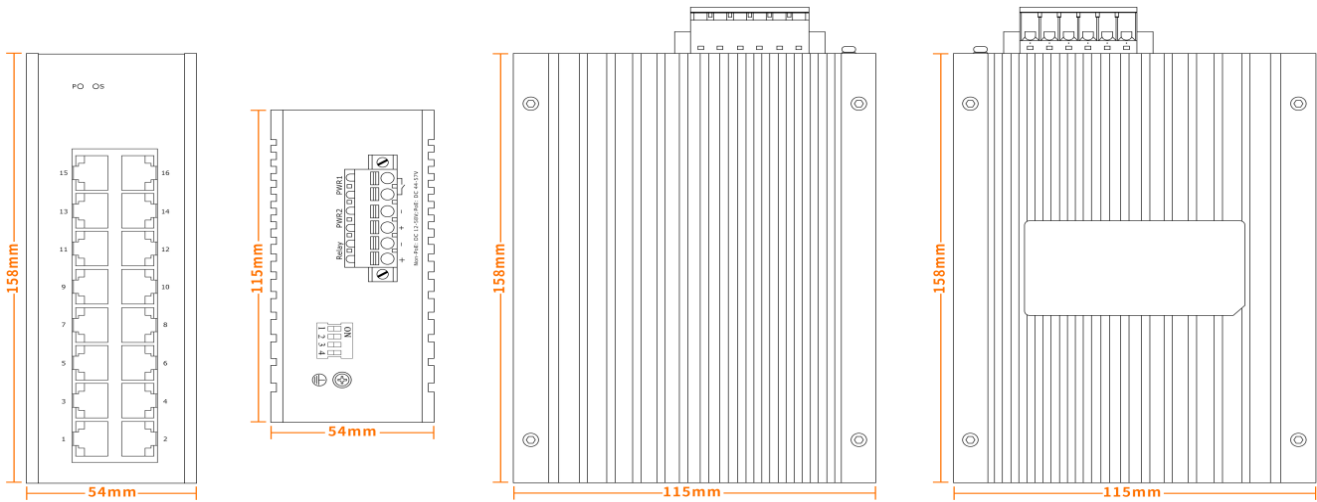
LV-IES0016G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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 RJ45 port			
Alarm Port	One relay output for power failure. Alarm relay current carry ability: 1A@24VDC			
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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-16(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	12-58VDC, redundant power input			
Input current	0.6A Max			
Total power consumption	Full loading ≤8W			
Connector	Removable 6-pin terminal block, Pin 5-6 for relay alarm output			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Over-current protection	Support			
Switching Features				
Switching capacity	32G			

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

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0016G	Unmanaged industrial Ethernet switch, 16*10/100/1000Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature

LV-IES0104G Series

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



Features:

- 4*10/100/1000Base-TX RJ45 port, 1*1000Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0104G is the unmanaged industrial grade Ethernet switch with 4-port 10/100/1000Base-TX RJ45 and 1-port 1000Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0104G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

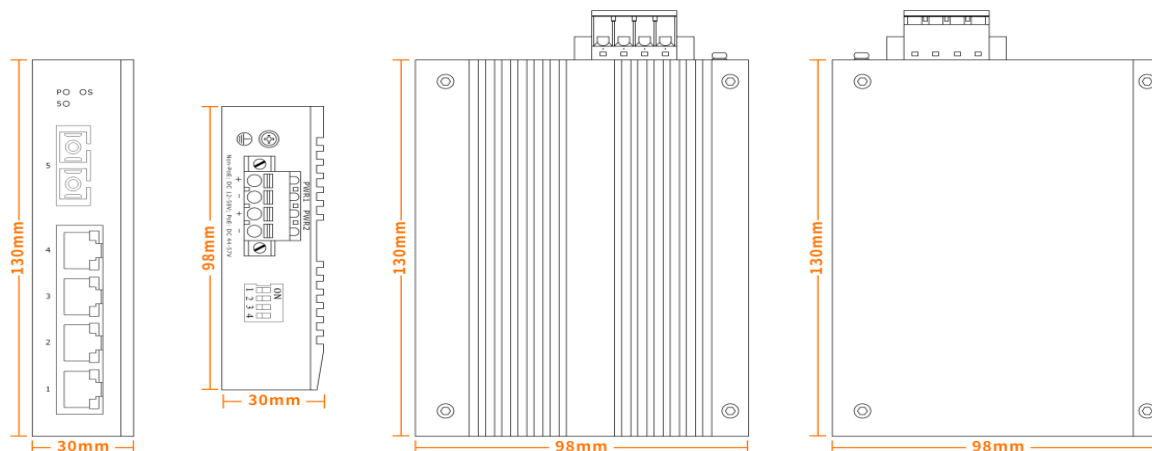
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		4	
	4*10/100/1000Base-TXRJ45 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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-4(Copper port)	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		
	5(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

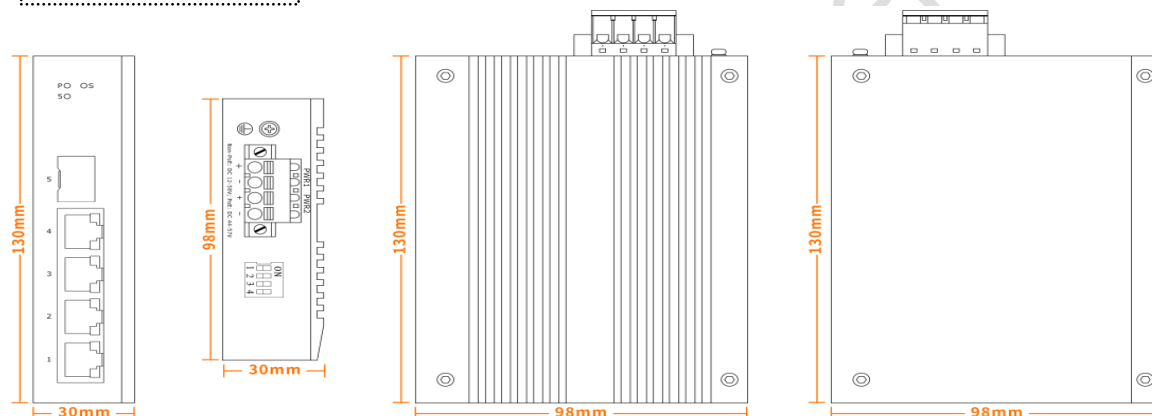
Switching Features	
Switching capacity	10G
Packet forwarding rate	14.8 Mpps
MAC address table	2K
VLAN	4K
Buffer	3M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0104G-SFP	Unmanaged industrial Ethernet switch, 4*10/100/1000Base-TX RJ45 port and 1*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0104G-SC	Unmanaged industrial Ethernet switch,4*10/100/1000Base-TX RJ45 port and 1*1000Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0104G-FC	Unmanaged industrial Ethernet switch,4*10/100/1000Base-TX RJ45 port and 1*1000Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0104G-ST	Unmanaged industrial Ethernet switch,4*10/100/1000Base-TX RJ45 port and 1*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IES0105G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 4*10/100/1000Base-TX RJ45 port, 1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link Vue LV-IES0105G is the unmanaged industrial grade Ethernet switch with 4-port 10/100/1000Base-TX RJ45, 1-port 1000Base-XSFP slot and 1-port 10/100/1000Base-TX RJ45. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

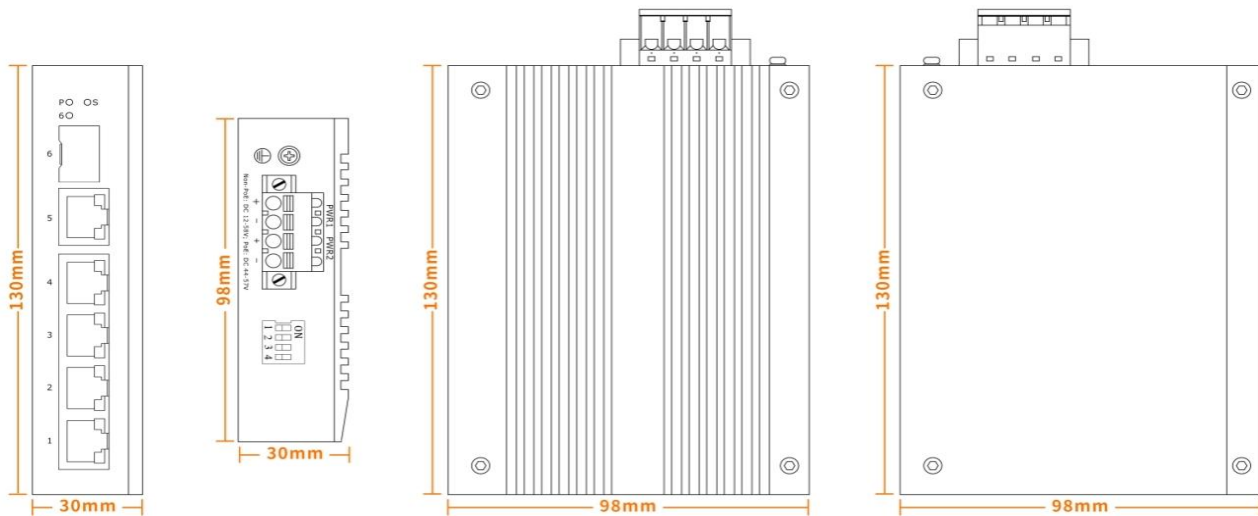
LV-IES0105G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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		5	
	4*10/100/1000Base-TXRJ45 port 1*1000Base-X SFP slot and 1*10/100/1000Base-TXRJ45 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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-5(Copper port)	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		
	6(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
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°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0105G-SFP	Unmanaged industrial Ethernet switch, 4*10/100/1000Base-TX RJ45 port, 1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 port, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature (Fiber port transmission distance depending on the SFP module)

LV-IES0108G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 8*10/100/1000Base-TX RJ45 port, 1*1000Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link VueLV-IES0108G is the unmanaged industrial grade Ethernet switch with 8-port 10/100/1000Base-TX RJ45 and 1-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0108G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

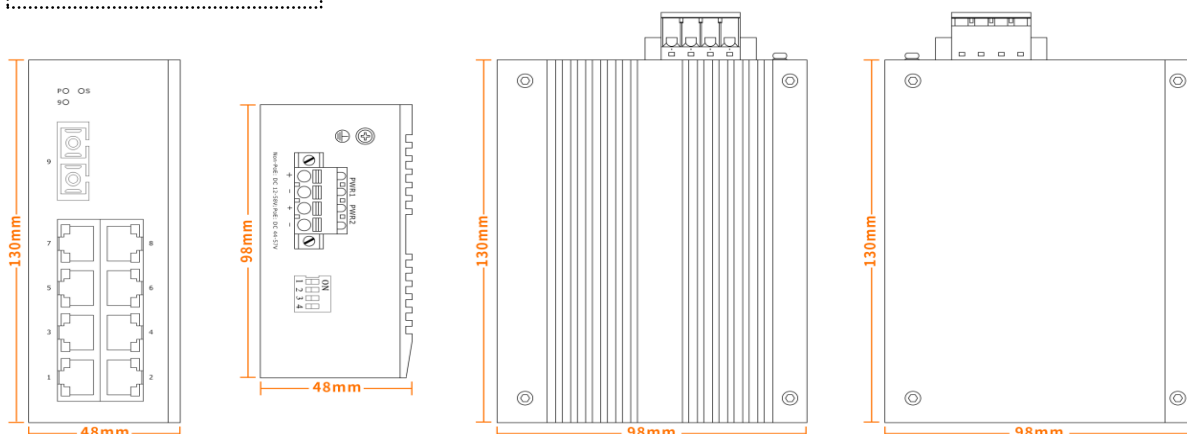
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		8	
	8*10/100/1000Base-TXRJ45 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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
	9(Fiber port) Green	OLV: ports link down		
		On: ports link up		
Blinking: data on TX/RX				
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤6.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

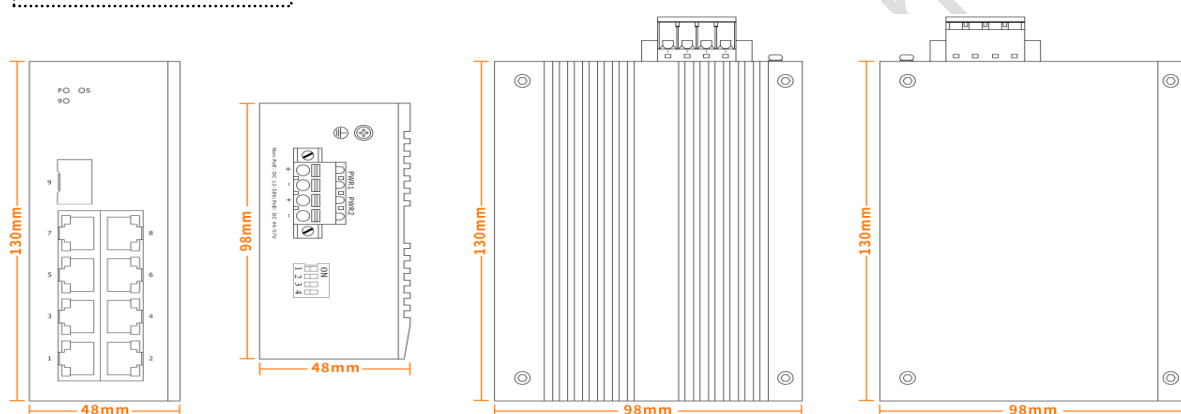
Switching Features	
Switching capacity	18G
Packet forwarding rate	26.7 Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection	IP40
Installation method	DIN-Rail
Dimension(W*D*H)mm	48*98*130mm
Weight	0.7 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0108G-SFP	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 1*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature (Fiber port transmission distance depending on the SFP module)
LV-IES0108G-SC	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 1*1000Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0108G-FC	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 1*1000Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0108G-ST	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 1*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IES0204G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 4*10/100/1000Base-TX RJ45 port, 2*1000Base-XSFP slot.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- Support 4kV surge protection, 15kV ESD(air) protection, 8kV contact protection.
- IP40 fan-less aluminum alloy housing and DIN-Rail hardware design with compact size(30*98*130mm).
- Operating temperature: -40°C to 75°C.

Overview:

The Link VueLV-IES0204G is the unmanaged industrial grade Ethernet switch with 4-port 10/100/1000Base-TX RJ45 and 2-port 1000Base-XSFP slot. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

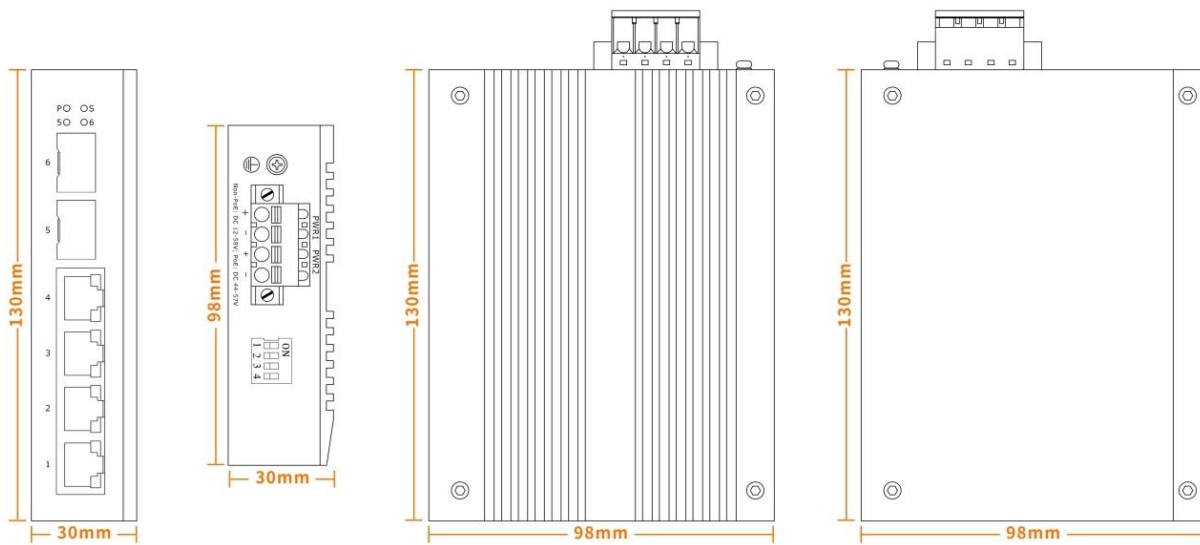
LV-IES0204G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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	
	2		4	
	4*10/100/1000Base-TXRJ45 port 2*1000Base-XSFP slot			
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			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-4(Copper port)	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		
	5-6(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤5W			
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°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95%(non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5Level 3(4kV/2kV, 8/20us) Surge protection of Ethernet ports: IEC 61000-4-5Level 3(4kV/2kV, 10/700us) DIP: IEC 61000-4-11Level 3(10V) ESD: IEC 61000-4-2 Level 4(8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IES0204G-SFP	Unmanaged industrial Ethernet switch, 4*10/100/1000Base-TX RJ45 port and 2*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40°C to 75°C operating temperature(Fiber port transmission distance depending on the SFP module)

LV-IES0208G Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 8*10/100/1000Base-TX RJ45 port, 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link Vue LV-IES0208G is the unmanaged industrial grade Ethernet switch with 8-port 10/100/1000Base-TX RJ45 and 2-port 1000Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES0208G is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

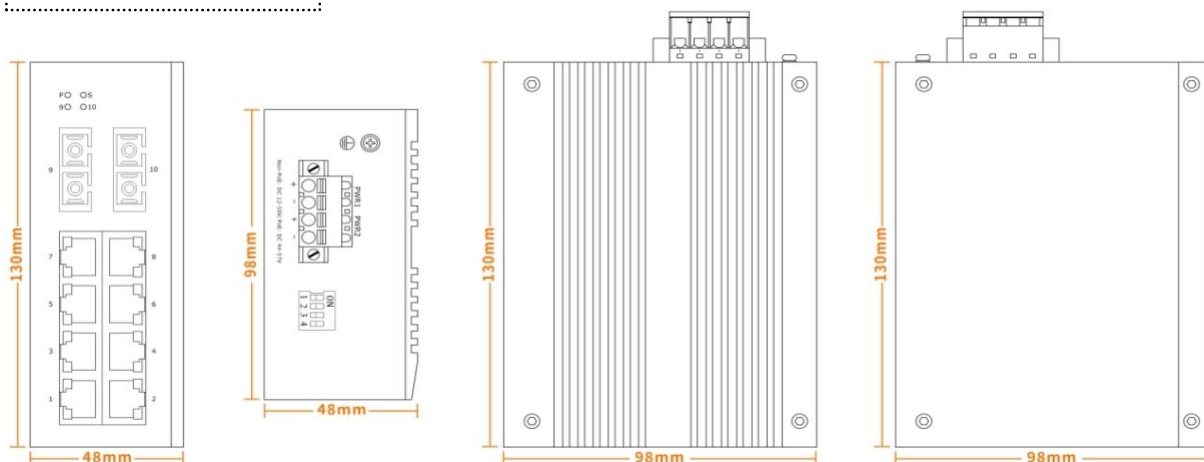
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	2		8	
	8*10/100/1000Base-TXRJ45 port 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
	9-10(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.6A Max			
Total power consumption	Full loading ≤7.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			

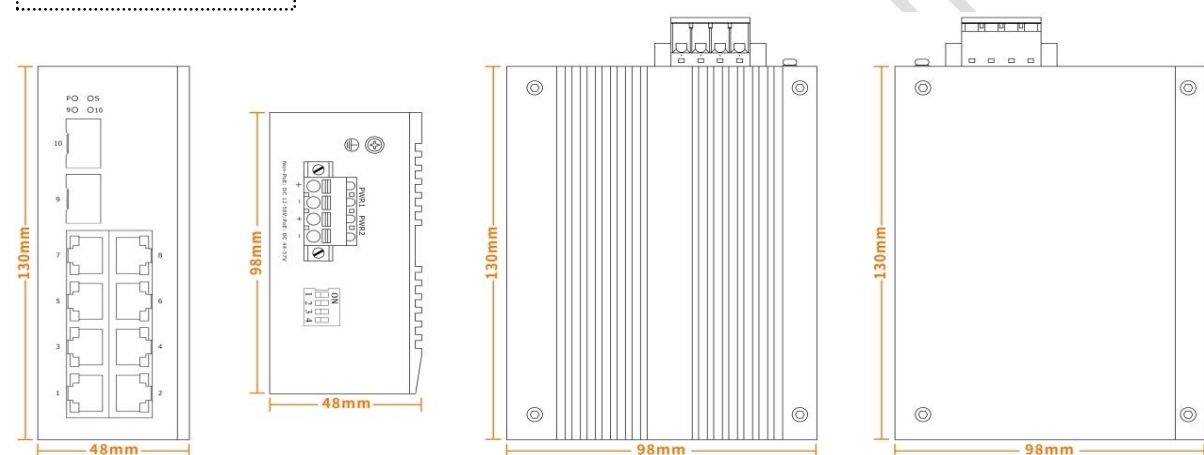
Switching Features	
Switching capacity	20G
Packet forwarding rate	29.7 Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES0208G-SFP	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 2*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES0208G-SC	Unmanaged industrial Ethernet switch,8*10/100/1000Base-TX RJ45 port and 2*1000Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0208G-FC	Unmanaged industrial Ethernet switch,8*10/100/1000Base-TX RJ45 port and 2*1000Base-FXFC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature
LV-IES0208G-ST	Unmanaged industrial Ethernet switch,8*10/100/1000Base-TX RJ45 port and 2*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature

LV-IES0408G Series

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

Features:

- 8*10/100/1000Base-TX RJ45 port, 4*1000Base-X SFP slot.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Support one channel output relay alarm (terminal block Pin 5/6).
- Support powerful Dip switch function: 1). Link aggregation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10K bytes jumbo frame.
- 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°C to 75°C.



1000Mbps
Hi-Speed
Ethernet



CE FCC



Overview:

The Link Vue LV-IES0408G is the highly reliable unmanaged industrial grade Ethernet switch with 8-port 10/100/1000-TX RJ45 and 4-port 1000Base-X SFP slot. It is featuring with port isolation, flow control, QoS and broadcast storm function, which all can be configured by the Dip switch on the top panel.

LV-IES0408G is a high cost-effective easy-to-use device, which provide essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less compact size housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications.

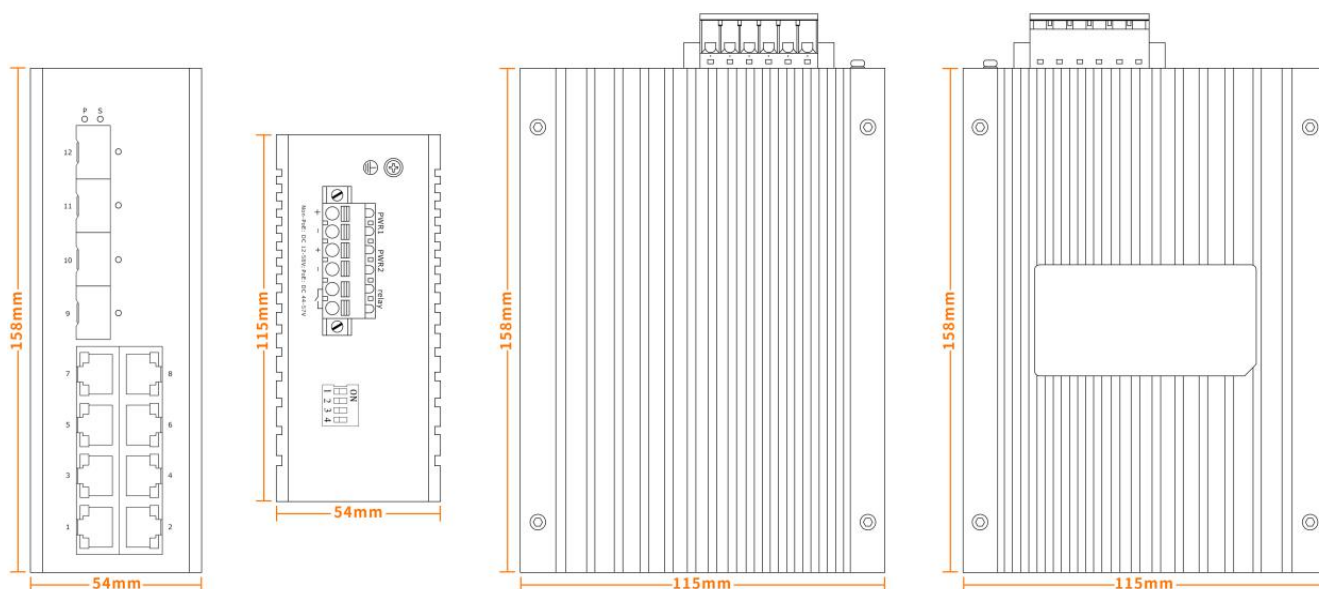
Technical Specification:

Interface	Fiber port		Copper RJ45 port	
	4		8	
	8*10/100/1000Base-TXRJ45 port 4*1000Base-X SFP slot			
Alarm Port	One relay output for power failure. Alarm relay current carry ability: 1A@24VDC			
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			
Dip Switch	1). Link aggregation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
	9-12(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.8AMax			
Total power consumption	Full loading≤10W			
Connector	Removable 6-pin terminal block, Pin 5-6 for relay alarm output			
Reverse polarity protection	Support			

Over-voltage protection	Support
Over-current protection	Support
Switching Features	
Switching capacity	24G
Packet forwarding rate	35.7Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10K bytes
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	<p>Operating temperature: -40°C to 75°C</p> <p>Storage temperature: -40°C to 85°C</p> <p>Relative humidity: 5% to 95%(non-condensing)</p>
Industrial Standard	<p>EMI: FCC Part 15B Class A</p> <p>Surge protection of power: IEC 61000-4-56kV/4kV(8/20us)</p> <p>Surge protection of Ethernet ports: IEC 61000-4-56kV/2kV(10/700us)</p> <p>RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m</p> <p>EFT: IEC 61000-4-4, power interface: 4kV, Ethernet ports: 2kV</p> <p>CS: IEC 61000-4-6 10V</p> <p>ESD: IEC 61000-4-2Level 4(8kV/15kV)</p>

	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-IES0408G-SFP	Unmanaged industrial Ethernet switch, 8*10/100/1000Base-TX RJ45 port and 4*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40℃ to 75℃ operating temperature(Fiber port transmission distance depending on the SFP module)

LV-IES01G08F Series

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



Features:

- 8*10/100Base-TX RJ45 port, 1*1000Base-FXSC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input, redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link Vue LV-IES01G08F is the unmanaged industrial grade Ethernet switch with 8-port 10/100Base-TX RJ45 and 1-port 1000Base-FXSC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES01G08F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

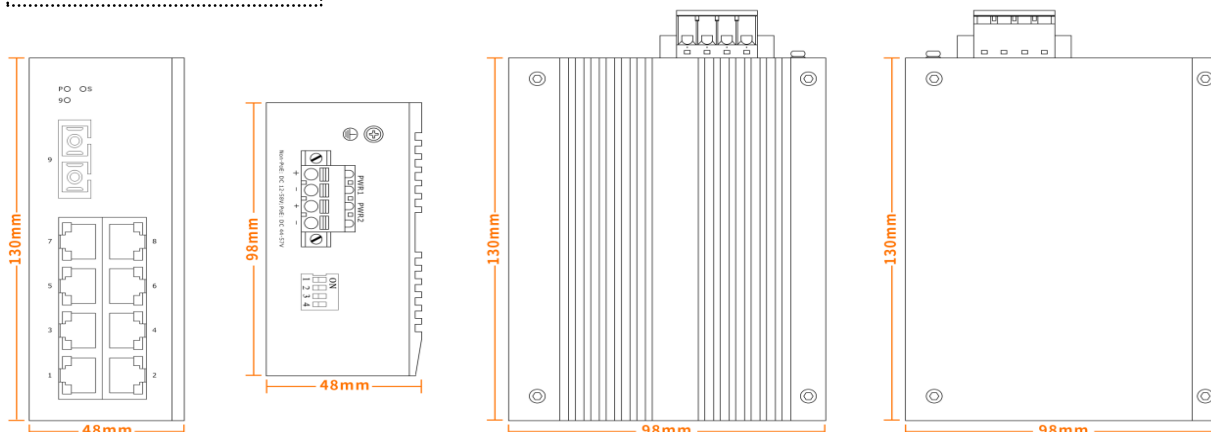
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	1		8	
	8*10/100Base-TXRJ45 port 1*1000Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power oLV or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
	9(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤6.5W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

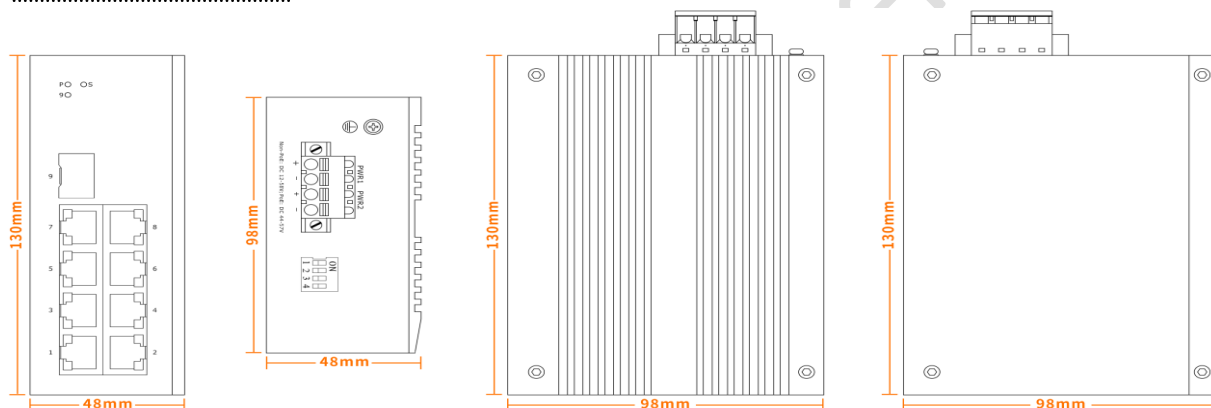
Switching capacity	1.8G
Packet forwarding rate	2.67 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IES01G08F-SFP	Unmanaged industrial Ethernet switch, 8*10/100Base-TX RJ45 port and 1*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES01G08F-SC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*1000Base-FX SC port ,Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature
LV-IES01G08F-FC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*1000Base-FX FC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature
LV-IES01G08F-ST	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 1*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature

LV-IES02G08F Series

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



1000Mbps
Hi-Speed
Ethernet



CE FCC



Features:

- 8*10/100Base-TX RJ45 port, 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port.
- 12-58VDC input ,redundant power supply with polarity reverse/over-voltage protection.
- Dip switch function: 1). Port isolation, 2). Flow control, 3). QoS, 4). Broadcast storm restrain.
- Support 10Kbytes jumbo frame.
- 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°C to 75°C.

Overview:

The Link Vue LV-IES02G08F is the unmanaged industrial grade Ethernet switch with 8-port 10/100Base-TX RJ45 and 2-port 1000Base-FX SC/SFP(FC or ST is optional) fiber optical interface. It is featuring with port isolation, flow control, QoS and broadcast storm restrain function, which all can be configured by the Dip switch on the top panel.

LV-IES02G08F is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-58VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with DIN-Rail installation, wide operating temperature from -40°C to 75°C as well as high-level EMI/EMC capability etc. 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.

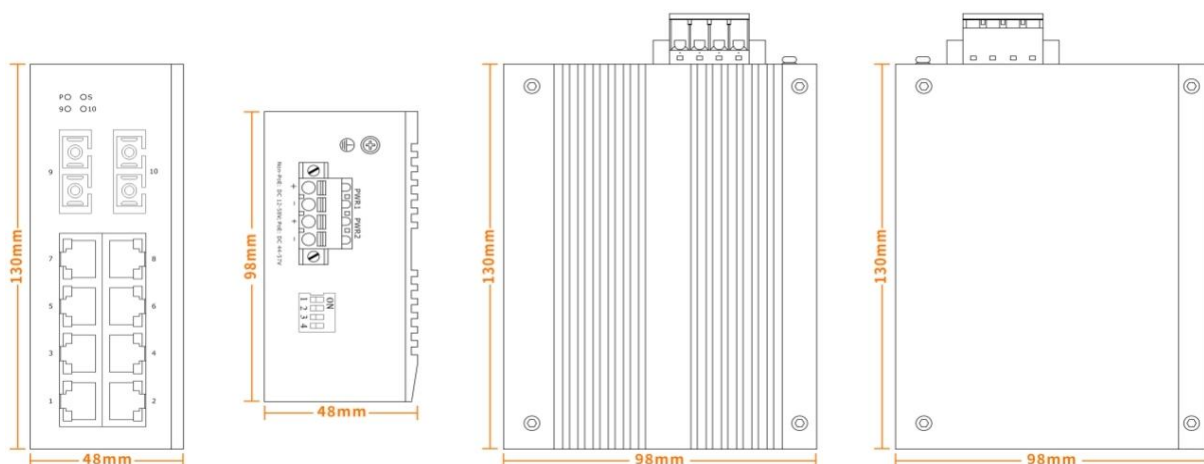
Technical Specification:

Interface	Fiber port		Copper RJ45 ports	
	2		8	
	8*10/100Base-TXRJ45 port 2*1000Base-FX SC/SFP(FC or ST is optional) fiber port			
Standard	IEEE 802.310Base-TEthernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
Dip Switch	1). Port isolation 2). Flow control 3). QoS 4). Broadcast storm restrain			
LED Indicators	P(Power indicator) Green	OLV: the device is power off or failed		
		On: the device power on is normal		
	S(System indicator) Red	OLV: the chip is normal		
		On: the chip read/write is unnormal		
	1-8(Copper port)	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		
	9-10(Fiber port) Green	OLV: ports link down		
		On: ports link up		
		Blinking: data on TX/RX		
Power Parameters				
Input voltage	12-58VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤6W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching Features				

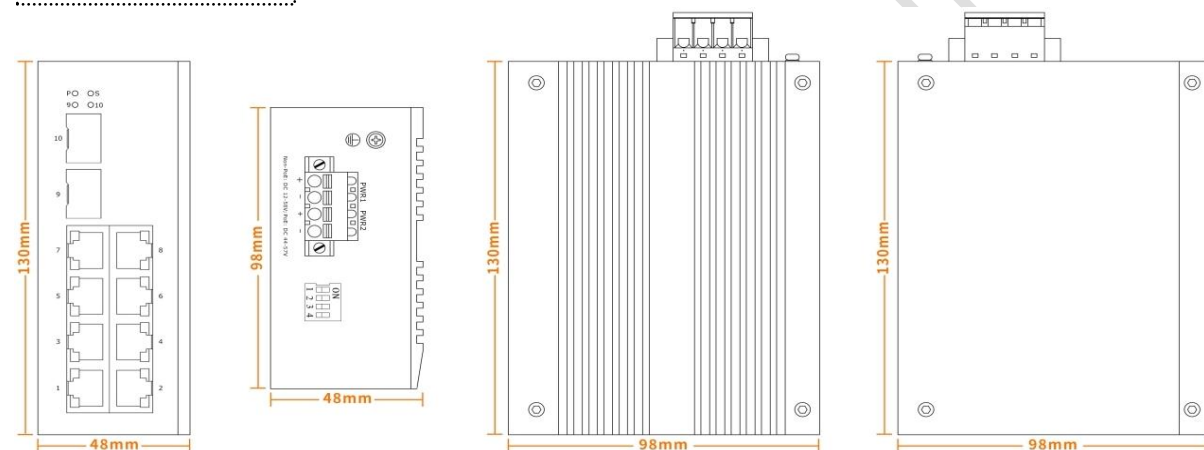
Switching capacity	5.6G
Packet forwarding rate	4.166 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	Support 10Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree topology	Support
Mechanical Structure	
Case protection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

Structure Diagram:

SC/FC/ST Interface

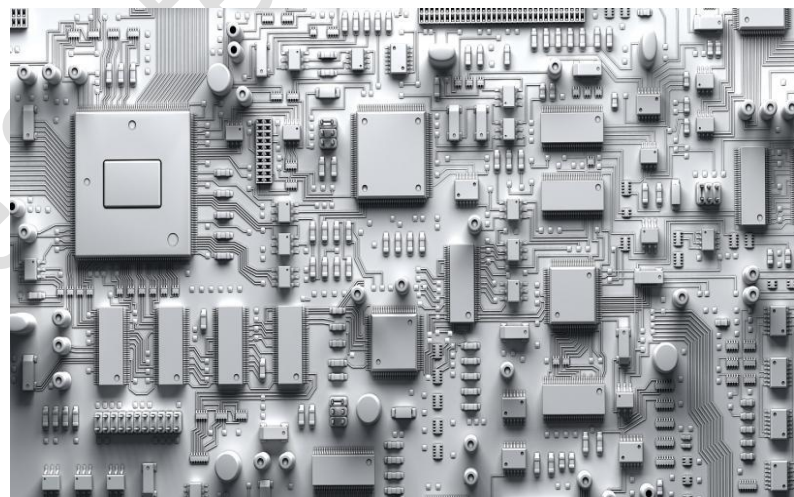
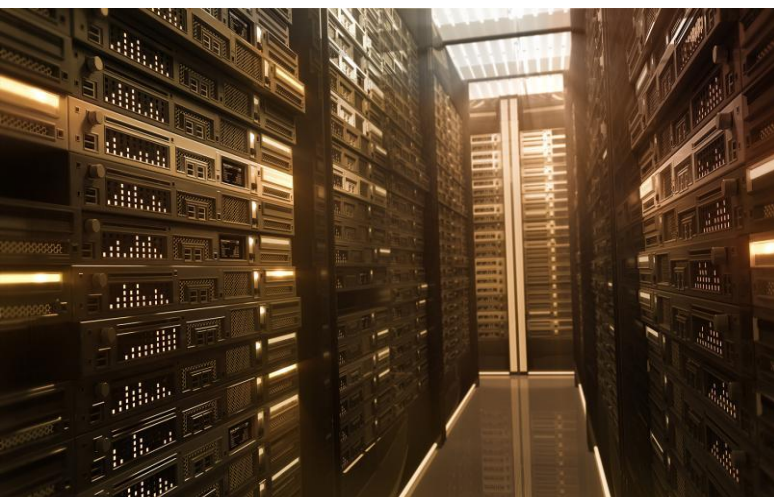


SFP Interface



Order Information:

Model No.	Description
LV-IES02G08F-SFP	Unmanaged industrial Ethernet switch, 8*10/100Base-TX RJ45 port and 2*1000Base-X SFP slot, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature(Fiber port transmission distance depending on the SFP module)
LV-IES02G08F-SC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 2*1000Base-FX SC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature
LV-IES02G08F-FC	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 2*1000Base-FXFC port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature
LV-IES02G08F-ST	Unmanaged industrial Ethernet switch,8*10/100Base-TX RJ45 port and 2*1000Base-FX ST port, Multi-mode/Singlemode/dual fiber/single fiber, 550m, 20/40/60/80/100/120Km are optional, DIN-Rail, 12-58VDC, -40 to 75° C operating temperature



LINK VUE SYSTEMS PTY LTD.

Add.: Head Office: 45 Evans Street, Balmain. NSW. AUSTRALIA

AUS-Mobile: + 61- 0415541106,

Mobile: +91 9811698640 , +91-9811247237,

E-mail: manish@linkvuesystem.com

E-mail: manav.chandra@linkvuesystem.com

<http://www.linkvuesystem.com.au>