IES-180-L

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Industrial 8-port unmanaged Ethernet switch with 8x10/100Base-T(X)

Features

- Support 8 ports 10/100 Base-T(X)
- Support auto-negotiation and auto-MDI/MDI-X
- Support store and forward transmission
- Support flow control
- Support broadcast storm protection
- Compact size for easily installation
- Support operating temperature from -20 to 60°C
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled



-20~60°C Temperature

RoHS Lead Free

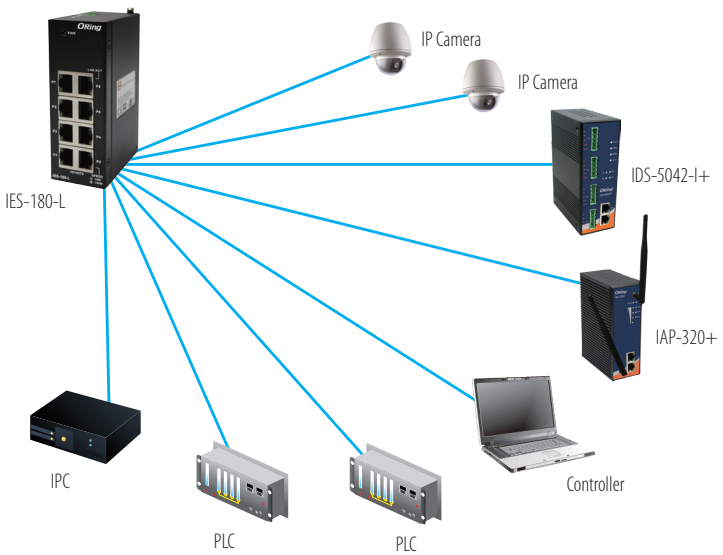
CE FC

Introduction

IES-180-L is unmanaged Ethernet switch with 8x10/100Base-T(X) ports. With very compact size of housing, you can install IES-180-L easily. In addition, IES-180-L is with rigid IP-30 housing design and can operate under harsh environment. The extended operating temperature range from -20°C to 60°C is ready and can satisfy most requirement of operation.

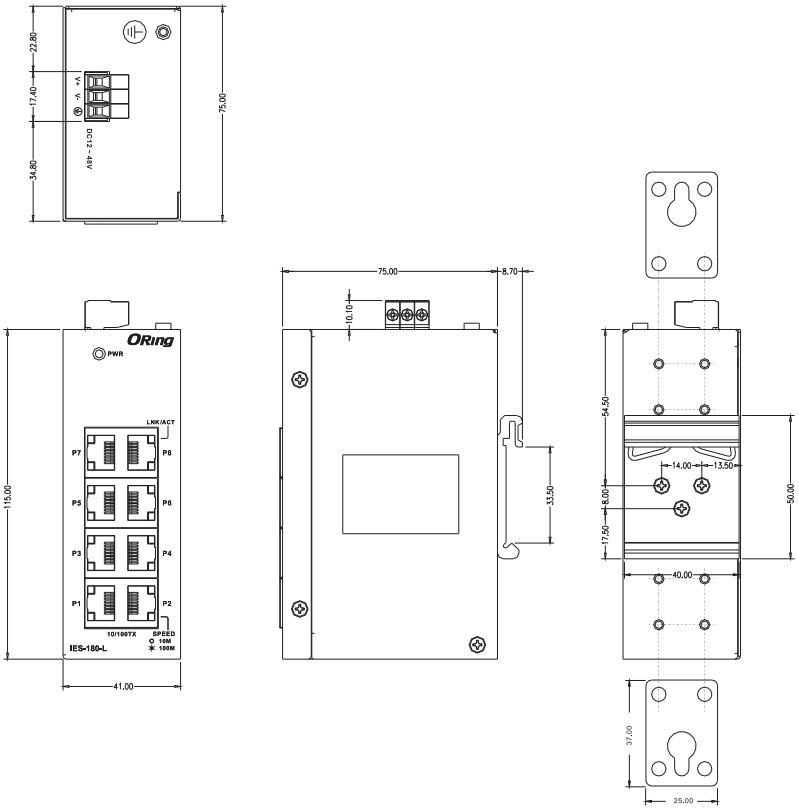
Practical Operation

IES-180-L can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, its mini size enables easily installation and minimize space requirement.



Connections of Ethernet devices

Dimensions



(Unit=mm)

Specifications

ORing Switch Model	IES-180-L
Physical Ports	
10/100 Base-T(X) Ports in RJ45 Auto MDI/MDIX	8
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control
MAC Table	1024 MAC address
Packet Buffer	448Kbits
Processing	Store-and-Forward
LED indicators	
Power Indicator	Green : Power LED x 1
10/100Base-T(X) RJ45 Port Indicator	Green for port Link/Act. Amber for speed indicator – Amber for 100Mbps, off-light for 10Mbps
Power	
Power Input	10~30 VDC voltage power input on 3-pin terminal block
Power Consumption (Typ.)	1.65 watts
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	41 x 75 x 115 mm (1.61 x 2.95 x 4.53 inch)
Weight (g)	307 g

Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-20 to 60°C (-4 to 140°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	EN60950-1
Warranty	5 years

Ordering Information

IES-1 A B -L

Code efinition	10/100Base-T(X) Port Number	Additional Port Number
Option	**- 8:** 8 ports	**- 0:** 0 port

Available Model	Model Name	Descripn
	IES-180-L	Industrial 8-port unmanaged Ethernet switch with 8x10/100Base-T(X)

Packing List

- IES-180-L x 1
- Wall-mount Kit x 1
- Quick Installation Guide x 1
- Din-Rail Kit x 1

Optional Accessories (Can be purchased separately)

- DR-45 series : 45 Watts DIN-Rail power supply
- DR-75 series : 75 Watts DIN-Rail power supply
- DR-120 series : 120 Watts DIN-Rail power supply