



IES-180B

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

Features

- Supports 8 ports 10/100 Base-T(X)
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store and forward transmission
- Supports flow control
- Compact size for easily installation
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled



Introduction

IES-180B is unmanaged Ethernet switch with 8x10/100Base-T(X) ports. With very compact size of housing, you can install IES-180B easily. In addition, IES-180B is with rigid IP-30 housing design and can operate under harsh environment. The extended operating temperature range from -40 °C to 70°C is ready and can satisfy most requirement of operation.

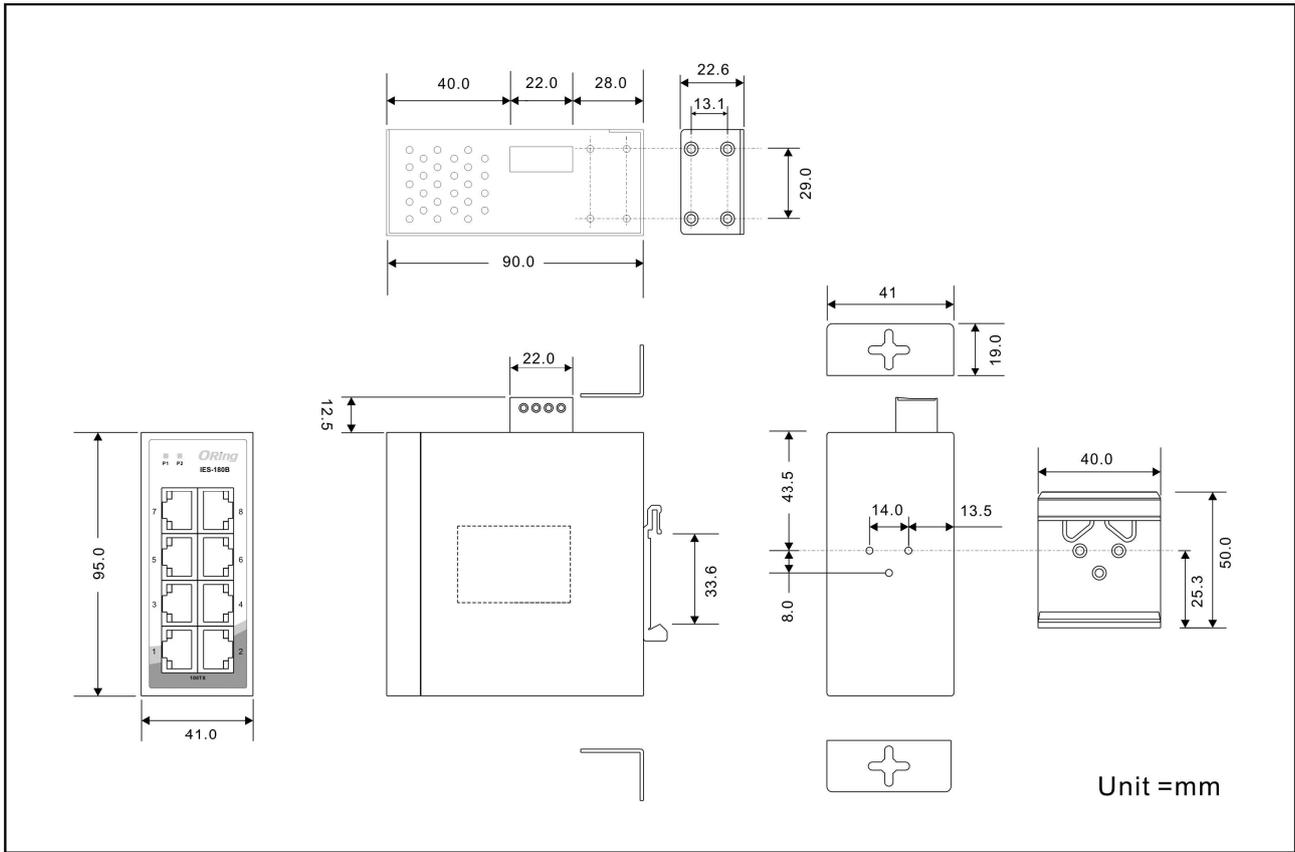
Practical Operation

IES-180B 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

Dimension

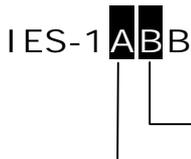


Specifications

ORing Switch Model	IES-180B
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	2048 MAC address
Processing	Store-and-Forward
LED Indicators	
Power Indicator	Green : Power LED x 2
10/100Base-T(X) RJ45 Port Indicator	Green for port Link/Act. Amber for Duplex/Collision.
Power	
Input Power	Dual 12~48 VDC voltage power input on 4-pin terminal block
Power Consumption (Typ.)	4 Watts
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30

Dimension (W x D x H)	41 (W) x 90 (D) x 95 (H)mm (1.61 x 3.54 x 3.74 inch)
Weight (g)	383 g
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 70°C (-40 to 158°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



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

Available Model	Model Name	Description
	IES-180B	Industrial 8-port mini type unmanaged Ethernet switch with 8x10/100Base-T(X)

Packing List

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

Optional Accessories

- DR-45 series : 45 Watts DIN-Rail power supply
- DR-75 series : 75 Watts DIN-Rail power supply
- PAE-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, EU plug
- DR-120 series : 120 Watts DIN-Rail power supply
- PAA-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, US plug