

# IES-1050

## >> Industrial 5-port Unmanaged Ethernet Switch

- Supports 5 ports 10/100Base-T(X)
- Compact size for easily installation
- Rigid IP-30 housing design



### > Features

- Supports 5 ports 10/100Base-T(X)
- Extended operating temperature range from -40°C to 70°C ready
- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

### > Introduction

IES-1050 is unmanaged Ethernet switch with 5x10/100TX ports. With very compact size of housing, you can install IES-1050 easily. In addition, IES-1050 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.

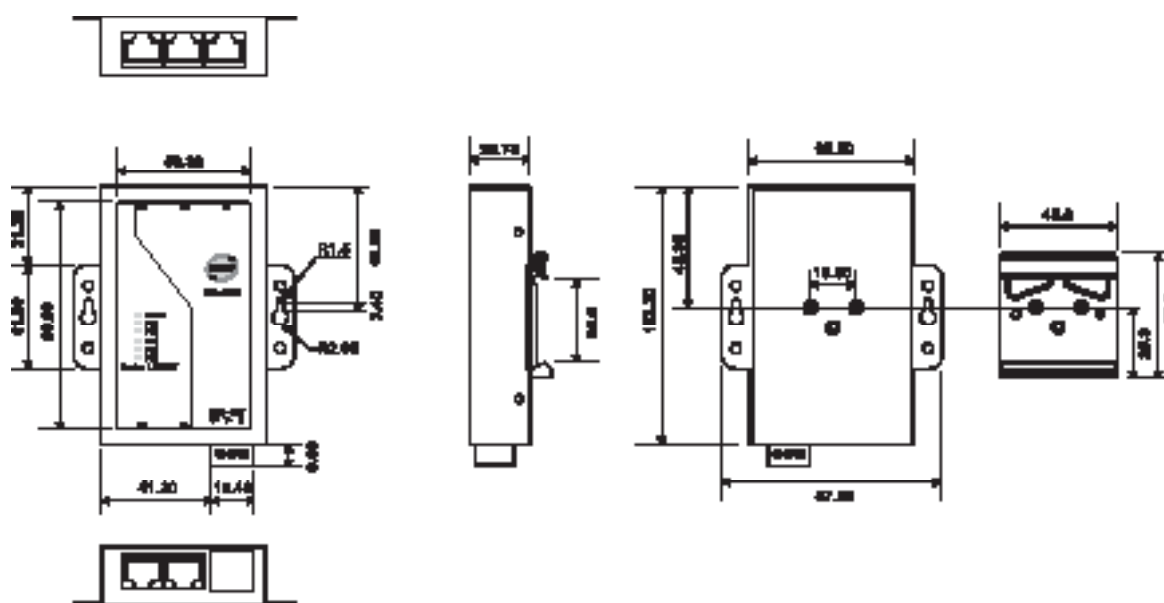
### > Practical Operation

IES-1050 can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, its compact size enables easily installation and minimize space requirement.



Connections of Ethernet devices

## &gt; Dimension



(Unit=mm)

## &gt; Specifications

ORing Switch Model	IES-1050
<b>Physical Ports</b>	
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	5
<b>Technology</b>	
Ethernet Standards	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-T(X) and 100Base-FX, IEEE 802.3x for Flow control
Processing	Store-and-Forward
<b>LED Indicators</b>	
Power / Ready Indicator	Green : Ready LED x 1
10/100TX RJ45 port Indicator	Green for port Link/Act. Amber for duplex indicator
<b>Power</b>	
Input Power	9 ~ 30 VDC voltage power input
Power Consumption (Typ.)	3W
Overload Current Protection	Present
Reverse Polarity Protection	Present on terminal block
<b>Physical Characteristic</b>	
Enclosure	IP-30
Dimension (W x D x H)	87.6(W) x 23.75(D) x 102.2(H) mm (3.45x0.94x4.02 inch.)
Weight (g)	305 g

Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-10 to 60°C (14 to 140°F) Extended temperature model (-40 to 70°C, -40 to 158°F, -T model)
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
<b>Warranty</b>	5 years

## > Ordering Information

IES-1 **AA** **B** - **C**

Code definition	10/100TX Port Number	Additional Port Number	Additional Port Type
<b>Option</b>	-05: 5 ports	-0: 0 port	-T: Extended model for -40~70°C * Regular model: (-10 to 60°C)

Available Model	Model Name	Description	Operating Temperature
	IES-1050	Industrial 5-port Unmanaged Ethernet Switch with 5x10/100TX	Regular model (-10 to 60°C)
	IES-1050-T	Industrial 5-port Unmanaged Ethernet Switch with 5x10/100TX	Extended model (-40 to 70°C)