



# IGS-150B

Industrial 5-port mini type unmanaged Gigabit Ethernet switch with 5x10/100/1000Base-T(X)

## Features

- Support auto-negotiation and auto-MDI/MDI-X
- Supports Jumbo Frame up to 9.6 K Bytes
- Support store and forward transmission
- Support flow control
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled

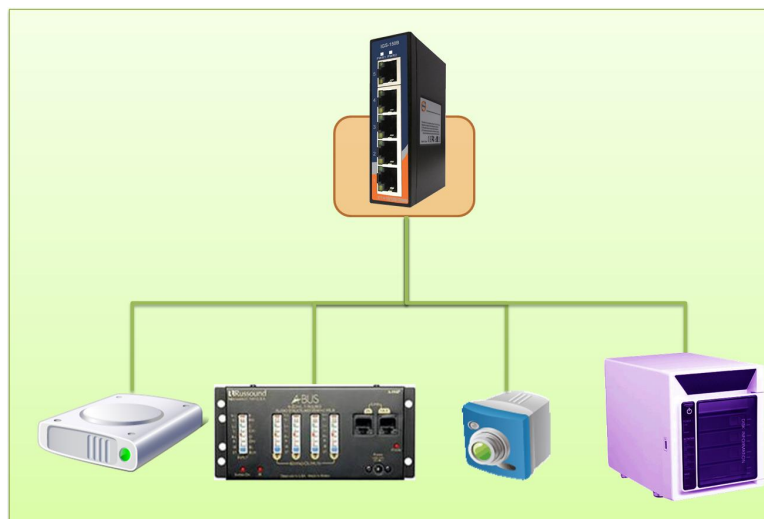


## Introduction

IGS-150B is a mini type unmanaged full gigabit Ethernet switch with 5 x 10/100/1000Base-T(X) ports. IGS-150B supports redundant power input and rigid mini size IP-30 housing. In addition, the wide operating temperature range from -40°C to 70°C can satisfy most of operating environment.

## Practical Operation

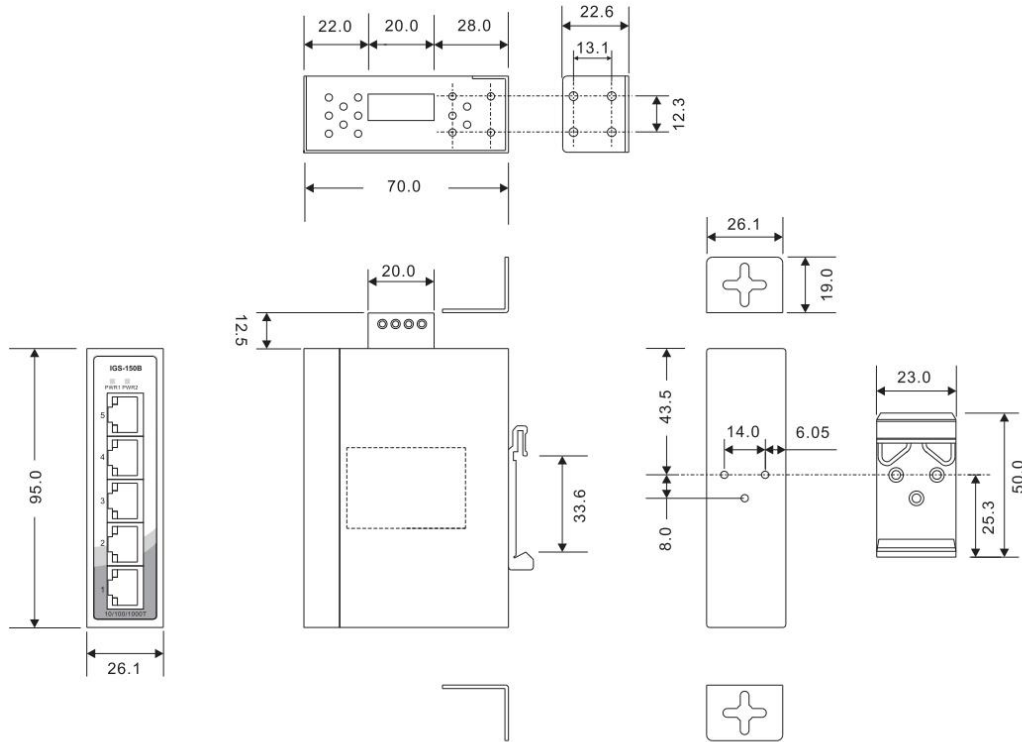
IGS-150B can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, there are two different power inputs at terminal block to avoid interruption caused by power down. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.



Connections of Ethernet devices

Dimension

Dimension (Unit =mm)



Specifications

ORing Switch Model	IGS-150B
Physical Ports	
10/100/1000Base-T(X) Ports in RJ45 Auto MDI/MDIX	5
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow control
MAC Table	4096 MAC addresses
Processing	Store-and-Forward
LED Indicators	
Power indicator	Green : Power LED x 2
10/100/1000Base-T(X) RJ45 port indicator	Up Green LED for Link/Act indicator Down dual color LED for speed indicator : Green : 1000Mbps Amber : 100Mbps Off : 10Mbps
Power	
Redundant Input power	Dual DC inputs. 12 ~ 48VDC on 4-pin terminal block.
Power consumption (Typ.)	3.2 Watts Max.
Overload current protection	Present

Reverse polarity protection	Present
<b>Physical Characteristic</b>	
Enclosure	IP-30
Dimension (W x D x H)	26.1 (W) x 70 (D) x 95(H) mm (1.03 x 2.76 x 3.74 inch)
Weight (g)	222 g
<b>Environmental</b>	
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
<b>Regulatory approvals</b>	
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

IGS-1 **ABB**

<b>Code Definition</b>	<b>10/100/1000Base-T(X) Port Number</b>	<b>Additional Port Number</b>
<b>Option</b>	<b>- 5: 5 ports</b>	<b>- 0: 0 port</b>
<b>Available Model</b>	<b>Model Name</b>	<b>Description</b>
	<b>IGS-150B</b>	Industrial 5-port mini type unmanaged Gigabit Ethernet switch with 5x10/100/1000Base-T(X)

## Packing List

- IGS-150B x 1
- Din-Rail Kit x 1
- Wall-Mount Kit x 1
- Quick Installation Guide x 1

## Optional Accessories

- 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