IGS-1080A

IGS-1080A

> ❯ *Industrial 8-port slim type unmanaged Gigabit Ethernet switch with 8x10/100/1000Base-T(X)*

Features

- Supports auto-negotiation and auto-MDI/MDI-X
- Supports Jumbo Frame up to 9K Bytes
- Relay output for carrying capacity of 1A at 24 VDC
- Supports store-and-forward transmission
- Supports flow control
- Hardware DIP switch for enabling/disabling the warning function
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled

Full Gigabit   Slim Type   Redundant PWR   Temperature
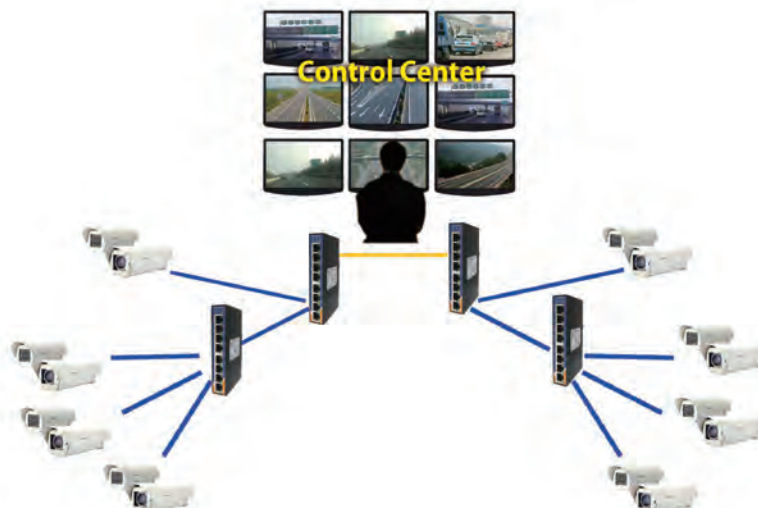
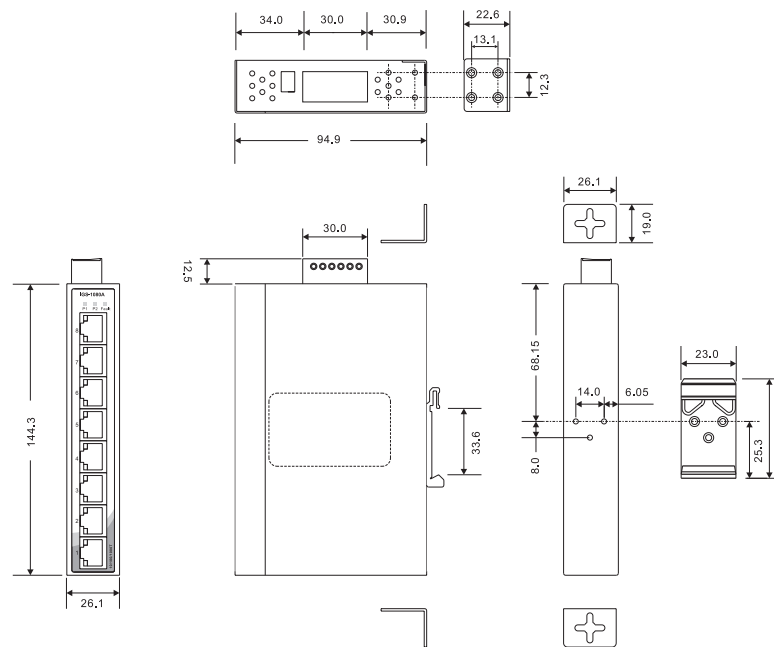RoHS Lead Free   CE   FC

Introduction

IGS-1080A is the slim type unmanaged gigabit Ethernet switch with 8 x 10/100/1000Base-T(X) ports. IGS-1080A supports redundant power input, rigid IP-30 housing, plus DIP switches for enabling or disabling relay output alarm. In addition, the wide operating temperature range from -40°C to 70°C can satisfy most of operating environments.

Practical Operation

IGS-1080A can be used in connecting several Ethernet devices such as 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.

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Access Point

Industrial Cellular VPN Router

Accessories

Network Management Utility

Dimensions

(Unit=mm)

Specifications

ORing Switch Model	IGS-1080A
Physical Ports	
10/100/1000Base-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 802.3ab for 1000Base-T IEEE 802.3x for Flow control
MAC Table	2048 MAC addresses
Processing	Store-and-Forward
LED Indicators	
Power Indicator	Green : Power LED x 2
Fault Indicator	Amber : Indicates PWR1 or PWR2 failure
10/100/1000Base-T(X) RJ45 Port Indicator	Green for port Link / Act Amber for 100Mbps indicator
DIP Switch	
DIP-Switch 1	Power-1 failed warning : (ON) enable, (OFF) disable
DIP-Switch 2	Power-2 failed warning : (ON) enable, (OFF) disable
Fault contact	
Relay	Relay output to carry capacity of 1A at 24VDC
Power	
Redundant Input Power	Dual DC inputs. 12~48 VDC on 6-pin terminal block.
Power Consumption (Typ.)	7 Watts
Overload Current Protection	Present
Reverse Polarity Protection	Present

Physical Characteristics	
Enclosure	IP-30
Dimensions (W x D x H)	26.1(W) x 94.9(D) x 144.3(H) mm (1.03x3.74x5.68 inch.)
Weight (g)	375g
Environmental	
Storage Temperature	-40 to 85℃ (-40 to 185℉)
Operating Temperature	-40 to 70℃ (-40 to 158℉)
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

IGS-1 AA B A

Code Definition	10/100/1000Base-T(X) Port Number	Additional Port Number
Option	**- 08:** 8 ports	**- 0:** 0 ports

Available Model	Model Name	Description
	IGS-1080A	Industrial 8-port slim type unmanaged Gigabit Ethernet switch with 8 x 10/100/1000Base-T(X)

Packing List
- IGS-1080A
- DIN-Rail Kit
- Wall-mount Kit
- Quick Installation Guide

Optional Accessories (Can be purchased separately)
- DR-45 series, 45W DIN-Rail power supply
- DR-75 series, 75W DIN-Rail power supply
- DR-120 series, 120W DIN-Rail power supply
- SDR-240-48, 240W DIN-Rail power supply
- SDR-480-48, 480W DIN-Rail power supply

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Access Point

Industrial Cellular VPN Router

Accessories

Network Management Utility