

# IGS-1080A

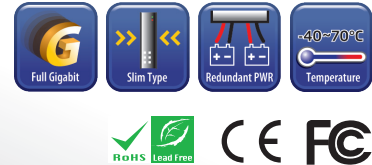


IGS-1080A

➤ **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

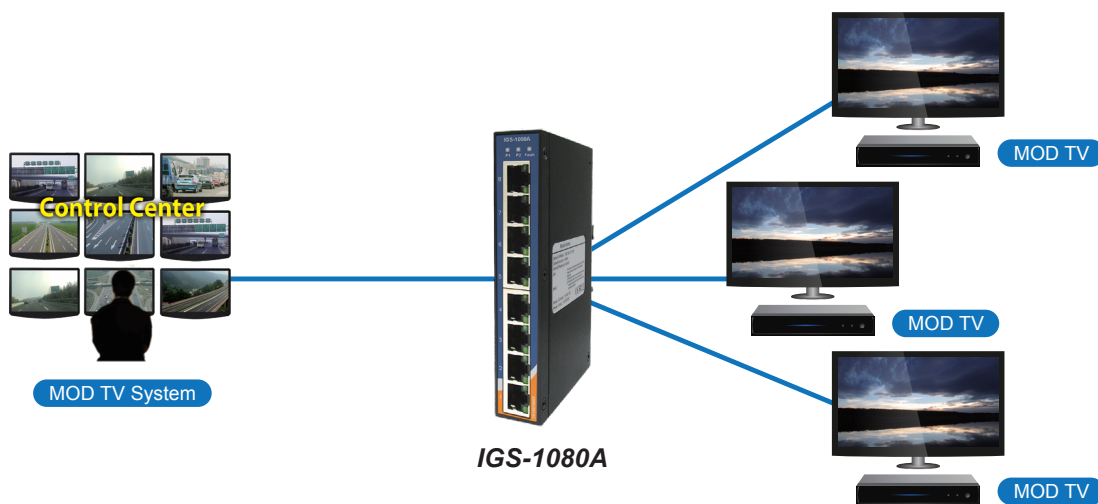


## Introduction

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.

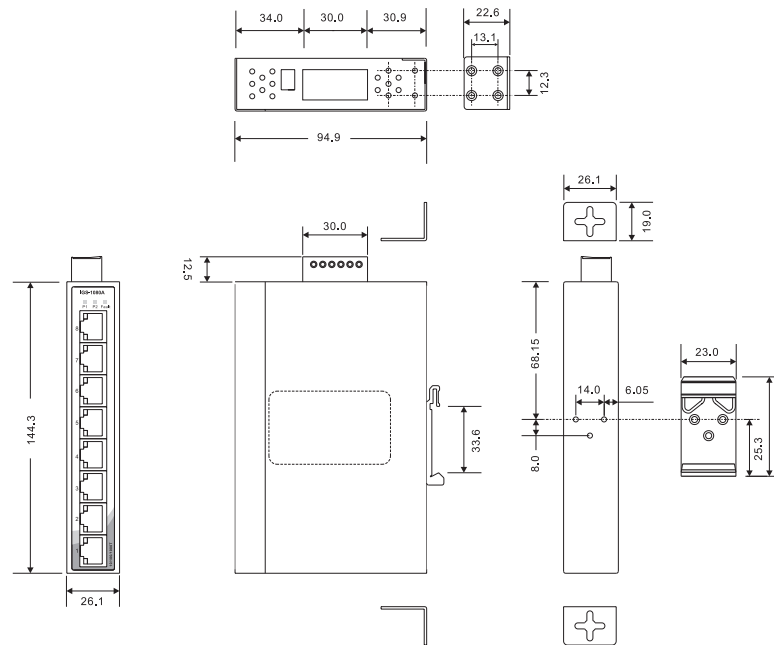
## Practical Operation

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.



Connections of Ethernet devices

## Dimensions



(Unit=mm)

## Specifications

ORing Switch Model	IGS-1080A
<b>Physical Ports</b>	
10/100/1000Base-T(X) Ports in RJ45 Auto MDI/MDIX	8
<b>Technology</b>	
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
<b>LED Indicators</b>	
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
<b>DIP Switch</b>	
DIP-Switch 1	Power-1 failed warning : (ON) enable, (OFF) disable
DIP-Switch 2	Power-2 failed warning : (ON) enable, (OFF) disable
<b>Fault contact</b>	
Relay	Relay output to carry capacity of 1A at 24VDC
<b>Power</b>	
Redundant Input Power	Dual DC inputs. 12~48 VDC on 6-pin terminal block.
Power Consumption (Typ.)	5.5 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°C (-40 to 185°F)
Operating Temperature	-40 to 70°C (-40 to 158°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory Approvals	
EMC	CE EMC (EN55024,EN 55032), FCC Part 15 B
EMI	EN55032, CISPR 32, EN61000-3-2, EN61000-3-3, FCC Part 15 B class A
EMS	EN55024 (IEC/EN 61000-4-2 (ESD), IEC/EN 61000-4-3 (RS), IEC/EN 61000-4-4 (EFT), IEC/EN61000-4-5 (Surge), IEC/EN 61000-4-6 (CS), IEC/EN 61000-4-8 (PFMF), IEC/EN 61000-4-11 (DIP))
Shock	IEC60068-2-27
Free Fall	IEC60068-2-31
Vibration	IEC60068-2-6
Safety	EN60950-1 compliant
MTBF	875918.4026 hrs
Warranty	5 years

### Ordering Information

IGS-1 **AA** **B** **A**

Code Definition	10/100/1000Base-T(X) Port Number	Additional Port Number
<b>Option</b>	- <b>08</b> : 8 ports	- <b>0</b> : 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)
<b>Packing List</b>		<b>Optional Accessories (Can be purchased separately)</b>
<ul style="list-style-type: none"> <li>IGS-1080A x 1</li> <li>Quick Installation Guide x 1</li> <li>Din-Rail Kit x 1</li> <li>Wall-Mount Kit x 1</li> </ul>		<ul style="list-style-type: none"> <li>DR-45 series : 45 Watts DIN-Rail power supply</li> <li>DR-120 series : 120 Watts DIN-Rail power supply</li> <li>DR-75 series : 75 Watts DIN-Rail power supply</li> </ul>