

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

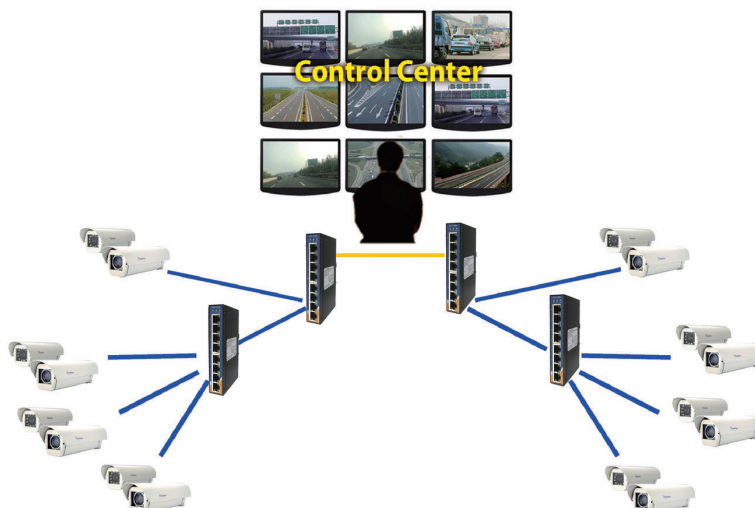


Introduction

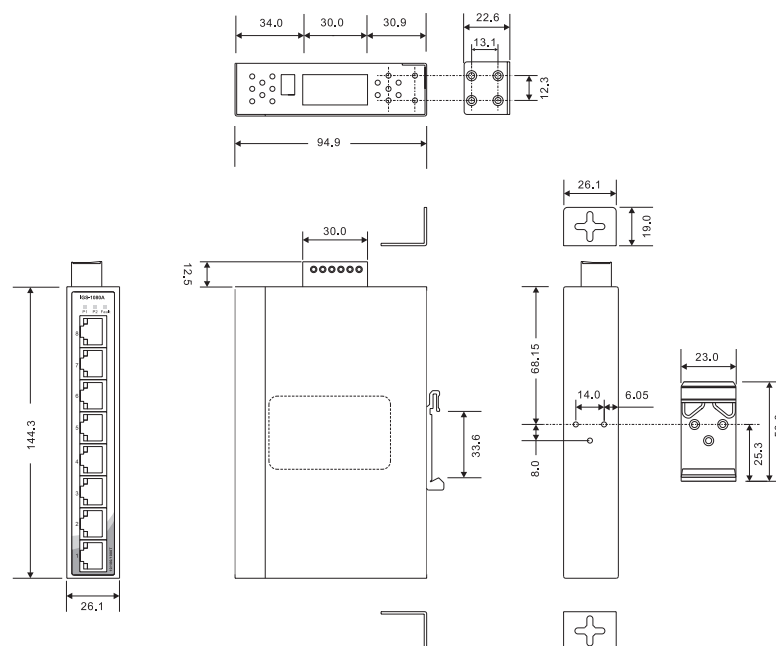
IGS-1080A is the slim type unmanaged gigabit Ethernet switch with 8 x 10/100/1000Base-T(X) ports. IGS-1080A supports redundant power input, rigid IP-30 housing, plus DIP switches for enabling or disabling relay output alarm. In addition, the wide operating temperature range from -40°C to 70°C can satisfy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



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°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

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