

8 Port Unmanaged Industrial Ethernet Switch, 6 * 10/100Base-TX +2-Port 100Base-FX, Model IES 106-2S Y Series



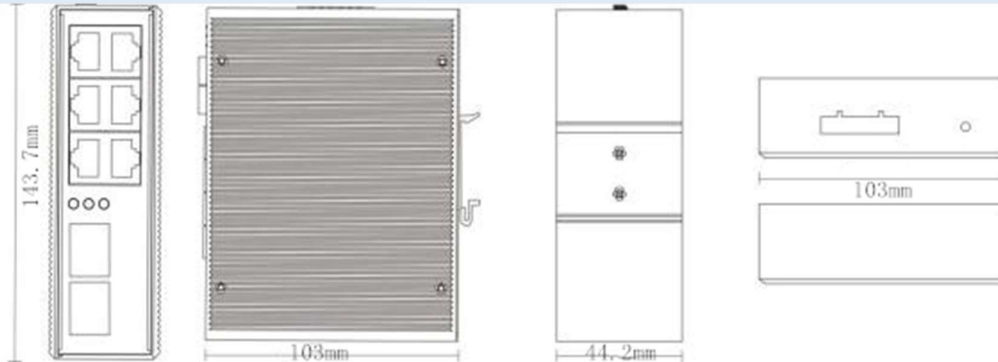
- 6-port 10/100Base-Tx RJ45 with Auto negotiation and Auto-MDI/ MDI-X function
- 2-port 100Base-Fx interface SC/SFP
- Multi-Mode up to 2km
- Single-Mode up to 20km/40km/60km/80km
- 12V to 52V DC, Redundant power input
- -40°C to 80°C Operating temperature
- IP40 aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for Power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Specifications

10/100Base-TX Port	6 port RJ45 Auto-MDI / MDI-X
100Base-FX Port	2*Fiber SC Ports OR 2*SFP Slot
Fiber Port Type	Multi-mode, Up to distance 2km Single-mode, Up to distance 20km SFP : Depends on SFP
Optical Frequency	Fixed Port : 1310nm SFP : Depends on SFP
Performance Specification	Bandwidth : 1.6Gbps Packet Buffer Memory : 1Mbit Packet Forwarding Rate : 1.2Mpps MAC Address Table : 2K
Installation	DIN Rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for Half duplex, IEEE 802.3x for Full duplex
Enclosure	IP40 Aluminum housing
LED Indicator	Power : Red Fiber : Link 2(Green) Ethernet : Yellow
Power Input	12 to 52V DC, Redundant power
Power Consumption	< 3 watts
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T IEEE802.3i 10Base-T IEEE802.3u;100Base-TX/FX
Network cables	10BASE-T : Cat3,4,5 UTP (≤100 meter) 100BASE-TX : Cat5 or later UTP (≤100meter) 1000BASE-TX : Cat6 or later UTP (≤100 meter)

Industry Standard tested for	FCC CFR47 Part 15, EN55022/CISPR22, Class A IEC61000-4-2 (ESD) : ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS) : 10V/m (80~1000MHz) IEC61000-4-4 (EFT) : Power Port : ±4kV; Data Port : ±2kV IEC61000-4-5 (Surge) : Power Port : ±2kV/DM, ±4kV/CM, Data Port : ±2kV IEC61000-4-6 (CS) : 3V (10kHz-150kHz); 10V (150 kHz-80 MHz) IEC61000-4-16 (Common mode conduction) : 30V (cont.), 300V (1s) CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	143.7 x 103 x 44.2 mm
Weight	Product Weight : 0.56KG Packing Weight : 0.66KG
Working Environment	Working temperature : -40 to 80°C Storage temperature : -40 to 80°C Relative Humidity : 5%~95 % (no condensation)

Dimensions



Ordering Model Code: IES 106-2F/S XX00 YY Z R Y

- IES 106** : Unmanaged Industrial Ethernet Switch with 6*10/100 Copper Ports
- 2F/S** : 2 of Fixed Fiber Port or 100X SFP
- XX** : Fiber type (Only for Fixed Fiber Port)
- : MM for Multimode, SM for Single mode. Single mode is by default
- 00** : Fiber distance. 20Km by default (Only for Fixed Fiber Port)
- YY** : Fiber Connector (Only for Fixed Fiber Port)
- : SC for SC Connector
- Z** : Input Supply
- : DC for 12V/24V/48V DC (12 to 52V)
- R** : Dual Redundant Power Supply.
- Y** : Fixed