

IT-IPS-7110-IM-2GC-4F-4-POE 4 ports 10/100Base-T(x) PoE+ 4 ports 100Base-FX+ 2 ports Gigabit Combo

Managed Industrial PoE Switch

Features

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z/ab, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W.
2. Compatible with both IEEE802.3 at (30W) and IEEE802.3af (15.4W).
3. Supports 2 Gigabit combo ports, 4 Fast Ethernet copper ports and 4 Fast Ethernet optic fiber ports.
4. SW-Ring ring network patent technology (Fault recovery time<20ms).
5. Support RSTP, way exchange time<50ms,
6. Support static multicast, IGMP Snooping and GMRP.
7. Support Port based VLAN and IEEE 802.1Q VLAN.
8. Support QOS absolutely and opposite priority.
9. Support WEB, SNMP and Telnet configuration.
10. Support port status display, data update.
11. Industrial grade design, -40-75°C work temperature.
12. IP40 protection grade, DIN rail mounted.



1

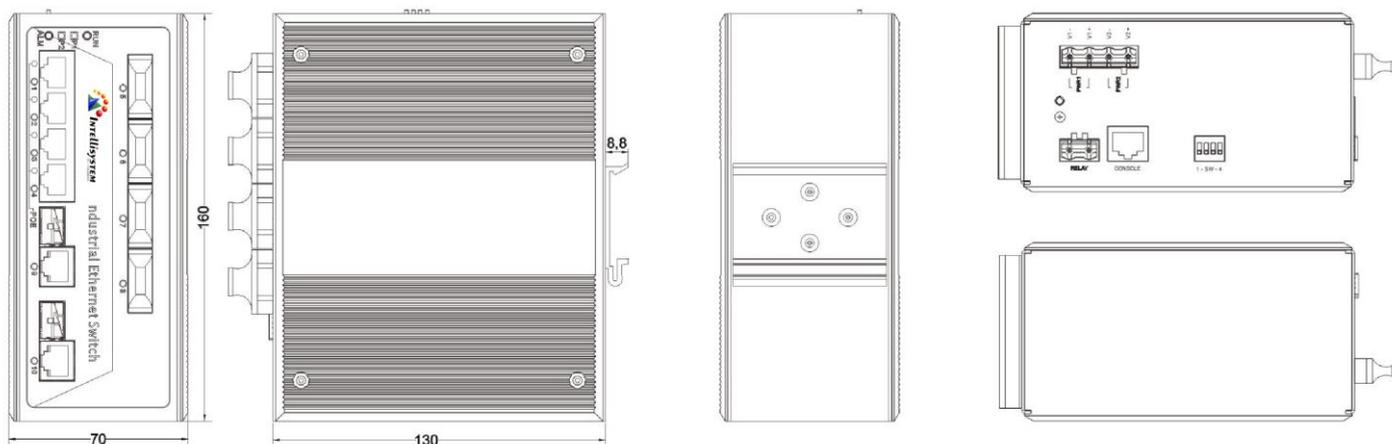
Introduction

IT-IPS-7110-IM-2GC-4F-4-POE is an industrial grade, managed and redundancy Ethernet switch. The switch provides 4 ports 10/100M Ethernet, 4 ports fast Ethernet optical and 2 ports combo Gigabit SFP slots or 10/100/1000Base-T(X) ports, which 4 ports Ethernet supports POE function (IEEE 802.3af/at). It provided some kinds of advanced network managed function, like as: SW-Ring redundancy ring

network, VLAN, Trunking, Quality of Service, Speed control, port mirroring and fault alarm. SW-Ring can bring your Ethernet to intelligent redundancy. The -40~75°C working temperature can meet all kinds of Industrial environment requirement and provide the solution of the economy.

Dimensions

Unit (mm)



Specifications

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/ab, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W
 Protocol: ARP, ICMP, TCP, DHCP, DNS, HTTP, SW-Ring, RSTP, SNMP
 Flow control: IEEE802.3x flow control, back press flow control
 POE Standard: IEEE802.3af/at

Functions

Switch function: SW-Ring, QOS, 802.1QVLAN, RSTP, SNMP, Port trunking, static multicast filter, port mirroring, bandwidth management, broadcast storm control, port flow statistics, upgrade online, up and download configuration file, user name access system
 SW-Ring: Support Single, Couple, Chain, Dual homing

Exchange attributes

100M forward speed: 148810pps
 1000M forward speed: 1488100pps
 Transmit mode: store and forward
 System exchange bandwidth: 7.6G
 MAC address table: 8K
 Memory: 1M

Interfaces

Fast Ethernet Port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect
 PoE Pin-out: 1/2(+), 3/6(-)
 100M optic fiber port: 100Base-FX, SC/ST/FC connector, support single-mode (20/40/60/80Km optional), multi-mode (2Km), wavelength: 1310nm, 1550nm
 Gigabit Combo port: 1000Base-X SFP slot or 10/100/1000Base-T(X)
 Console port: debug serial port carry out CLI command
 Alarm port: 2 bit 7.62mm terminal block
 1 channel relay alarm output

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2Km
 Single-mode: 1310nm, 20/40/60Km
 1550nm, 80/100/120Km

LED indicators

Run indicator: Run
 Interface indicator: Link (1~10)
 POE indicator: 1~4
 Power supply indicator: P1, P2
 Alarm indicator: Alarm

Power supply

Input Voltage: 44~57VDC
 Type of input: 4 bits 7.62mm terminal block
 No-load consumption: 7W@48VDC
 Full-load consumption: 68.6W@48VDC
 Single PoE port maximum consumption: 30W@48VDC

Working environment

Working temperature: -40~75°C
 Storage temperature: -40~85°C
 Relative Humidity: 5%~95% (no condensation)

Mechanical Structure

Shell: IP40 protect grade, metal shell
 Installation: DIN rail mount
 Size (W×H×D): 70mm×160mm×130mm
 Weight: 1.2kg

Industry Standards

EMI: FCC Part 15, CISPR (EN55022) class A
 EMS: EN61000-4-2 (ESD)
 EN61000-4-4 (EFT)
 EN61000-4-5 (Surge)
 Shock: IEC 60068-2-27
 Free fall: IEC 60068-2-32
 Vibration: IEC 60068-2-6

Warranty: 5 years

Ordering Informations

IT-IPS-7110-IM-2GC-4F(M)-4-POE: 2 ports combo Gigabit SFP slots or 10/100/1000Base-T(X) ports + 4 ports 10/100Base-T(X) PoE + 4 ports 100Base-FX Multi-mode SC/ST/FC, 44-57VDC

IT-IPS-7110-IM-2GC-4F(S)-4-POE: 2 ports combo Gigabit SFP slots or 10/100/1000Base-T(X) ports + 4 ports 10/100Base-T(X) PoE + 4 ports 100Base-FX Single-mode SC/ST/FC, 44-57VDC

IT-IPS-7110-IM-2GC-4F(SS)-4-POE: 2 ports combo Gigabit SFP slots or 10/100/1000Base-T(X) ports + 4 ports 10/100Base-T(X) PoE + 4 ports 100Base-FX single-mode, single fiber SC/ST/FC, 44-57VDC

Packing List

1. Industrial PoE Switch (plus terminal block) ×1
2. User manual ×1
3. Documentation and software CD ×1
4. Certificate of quality ×1
5. Warranty card ×1
6. DIN-Rail mounting kit ×1