

IT-ES1024-IU-4F

20-ports 10/100M Ethernet + 4-ports 100Base-FX (SC/ST/FC)

Unmanaged Industrial Ethernet Switch

Features

- Support IEEE802.3, IEEE802.3u, IEEE 802.3x.
- Store and forward switching process type.
- Plug-and-play, auto MDI/MDI-X connection.
- 10/100BaseT(X) (RJ45).
- Support 8K MAC address.
- Operating temperature range from -40 to 75°C.
- Designed without fan.
- IP30, rugged high-strength metal case.
- 19-inch rack mounting.



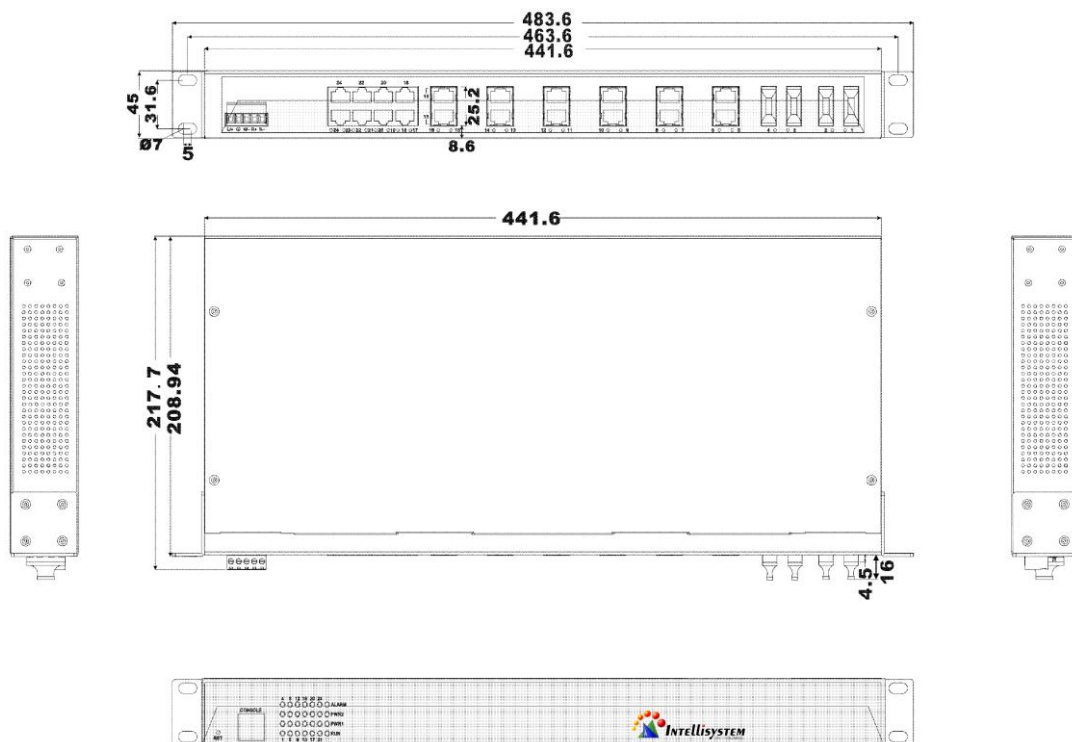
Introduction

The IT-ES1024-IU-4F industrial Ethernet switches consists of 20 Ethernet ports and 4 Fiber ports that provide an economical solution for your industrial Ethernet connection. The IT-ES1024-IU-4F switches have an operating temperature range of -40 to 75°C, and are designed with low consumption and without fan. The rugged

hardware design makes the IT-ES1024-IU-4F perfect for ensuring that your Ethernet equipment can withstand the rigors of industrial applications.

Dimensions

Unit (mm)



Specifications

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE 802.3x,
Flow control: IEEE802.3x flow control, back press flow control

Exchange attributes

100M forward speed: 148810pps
100M maximum filter speed: 148810pps
Transmit mode: store and forward
System exchange bandwidth: 12.8G
MAC address table: 8K
Memory: 4M

Interfaces

Electric port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect
100M optic fiber port: 100Base-FX, SC/ST/FC connector, support Single-mode (20/40/60/80Km optional), multi-mode (2Km), wavelength: 1310nm, 1550nm
Console port: Retain
Alarm port: 2 bit terminal block
1 channel relay alarm output
Load ability: 5A@250VAC

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)
Multi-mode: 1310nm, 2/5Km
Single-mode: 1310nm, 20/40/60Km
1550nm, 80/100/120Km

LED indicators

Run indicator: Run
Interface indicator: Link (1~24)
Power supply indicator: PWR
Alarm indicator: Alarm

Power supply

Input Voltage: 100~240VAC
Overload Current Protection: 1.2A
Connection: 3 bit terminal block

Consumption

Unload consumption: 9.5W
Full load consumption: 12.0W

Working environment

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

Mechanical Structure

Packaging: IP 30 protection, metal case
Installation: 19-inch rack mount
Dimensions (L×W×H): 441.6mm×208.9mm×45mm

Industry Standards

EMI: FCC Part 15, CISPR (EN55022) class A
EMS: EN61000-4-2 (ESD), Level 4
EN61000-4-3 (RS), Level 3
EN61000-4-4 (EFT), Level 4
EN61000-4-5 (Surge), Level 4
EN61000-4-6 (CS), Level 3
EN61000-4-8, Level 5
Shock: IEC 60068-2-27
Free fall: IEC 60068-2-32
Vibration: IEC 60068-2-6

Certifications

CE, FCC, RoHS, UL508 (Pending)

Warranty: 5 years

Ordering Informations

IT-ES1024-IU-4F (M): 20 ports 10/100Base-T(X) + 4 ports 100Base-FX Multi-mode SC/ST/FC, 100~240VAC;

IT-ES1024-IU-4F (S): 20 ports 10/100Base-T(X) + 4 ports 100Base-FX Single-mode SC/ST/FC, 100~240VAC;

IT-ES1024-IU-4F (SS): 20 ports 10/100Base-T(X) + 4 ports 100Base-FX single-mode, single fiber SC/ST/FC, 100~240VAC.

Packing List

1. Ethernet switch IT-ES1024-IU-4F (plus terminal block) ×1
2. User manual ×1
3. Certificate of quality ×1
4. Warranty card ×1
5. Power cable ×1