IT-ES1024-IU-24F

24-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.
- Support 8K MAC address.
- Operating temperature range from -40 to 75°C.
- Designed without fan.
- IP30, rugged high-strength metal case.
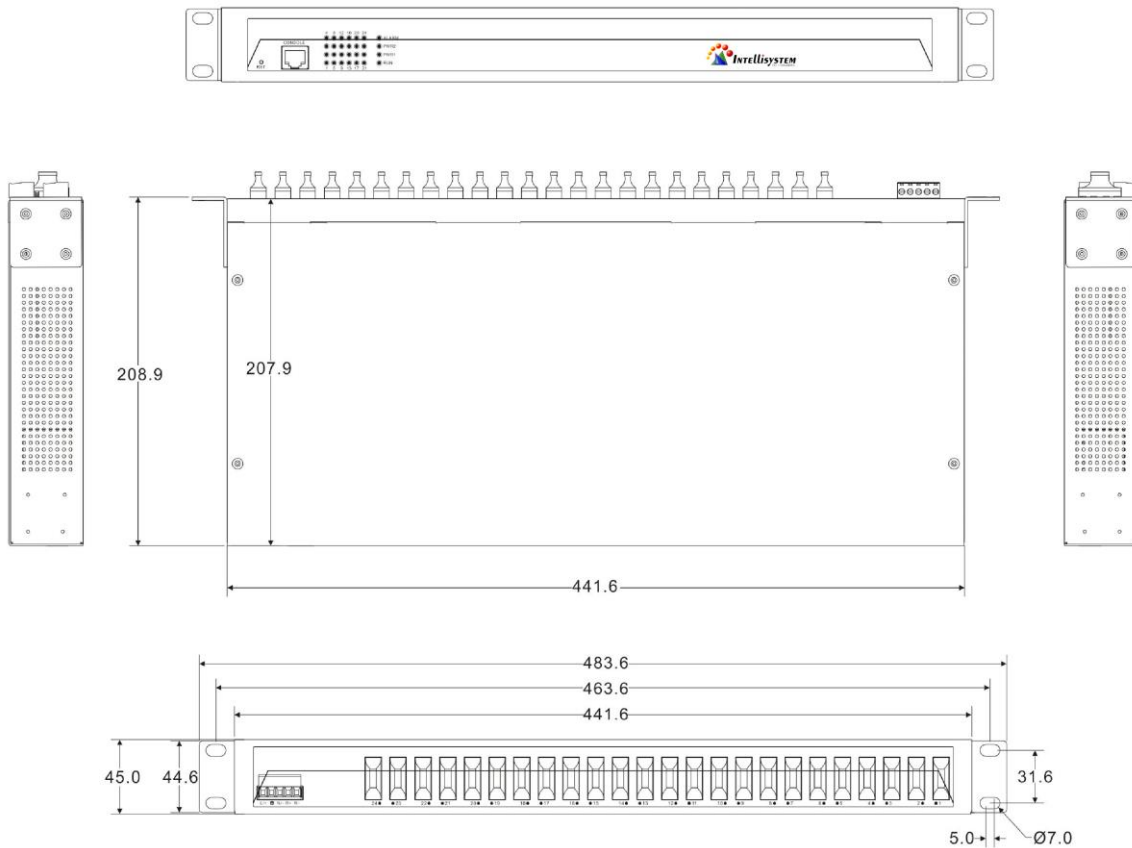- 19-inch rack mounting.

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Introduction

The IT-ES1024-IU-24F industrial Ethernet switches consists of 24 Fiber ports that provide an economical solution for your industrial Ethernet connection. The IT-ES1024-IU-24F 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-24F 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

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: 21.4W

Full load consumption: 22.9W

Working environment

Working temperature: -40～75℃

Storage temperature:-40～85℃

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

EMS： EN61000-4-2 (ESD) ， Level 4

EN61000-4-4 (EFT) ， Level 4

EN61000-4-5 (Surge) ， Level 4

Warranty: 5 years

Ordering Informations

IT-ES1024-IU-24F (M): 24 ports 100Base-FX Multi-mode SC/ST/FC, 100~240VAC;

IT-ES1024-IU-24F (S): 24 ports 100Base-FX Single-mode SC/ST/FC, 100~240VAC;

IT-ES1024-IU-24F (SS): 24 ports 100Base-FX single-mode, single fiber SC/ST/FC, 100~240VAC.

Packing List

1. Ethernet switch IT-ES1024-IU-24F (plus terminal block) ×1

2. User manual ×1

3. Certificate of quality ×1

4. Warranty card ×1

5. Power cable ×1