

Industrial 5-port Fast Ethernet Switch

JetNet 2205 series



- ▶ 5 RJ45 ports for 10/100Base-TX Ethernet Ports (JetNet 2205)
- ▶ 4 RJ45 ports for 10/100Base-TX Ethernet Ports and 1 100Base FX (JetNet 2205f)
- ▶ Industrial Slim Size Design
- ▶ Broadcast storm protection
- ▶ Support 802.1p QoS (CoS, DSCP)
- ▶ Operating Temperature -40-75°C
- ▶ Wide Power input 12-40VDC



Slim Size

Overview

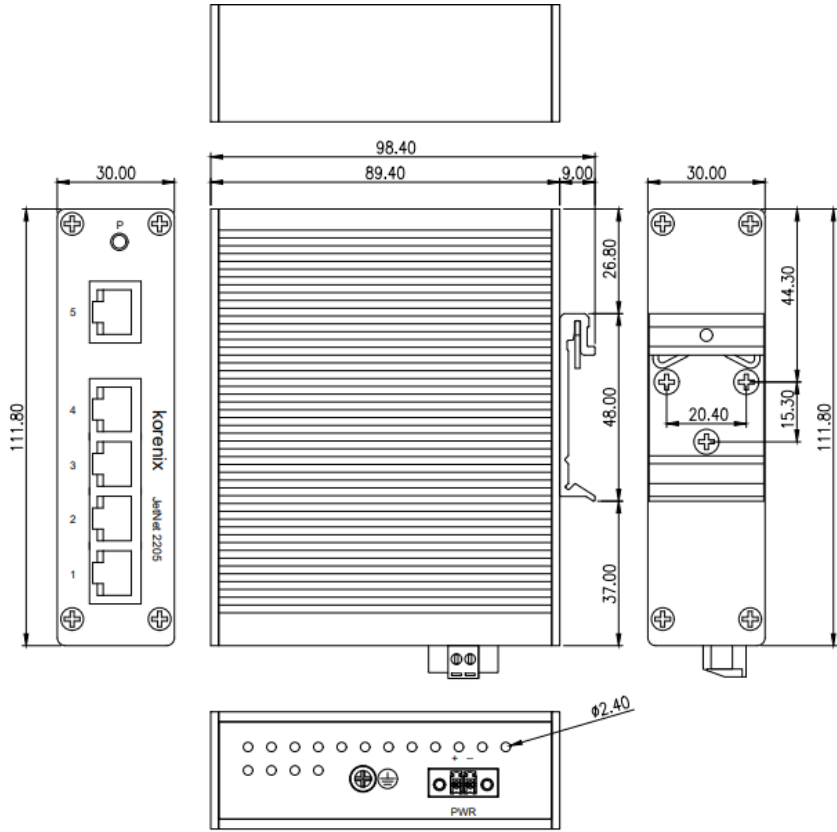
JetNet 2205/JetNet 2205f is a compact size 5(4)-port 10/100(X) and 0(1) port 100Base F(X) Industrial Ethernet Unmanaged Switch, which ensures high switching performance and easy installation. Along with its high switching performance, it supports multiple internal performance features, such as, Flow Control, broadcast storm filtering ensures quality traffic transmission.

JetNet 2205 series require no user setup and immediately start operating as soon as you power it up. Excellent data transmission performance is provided for you.

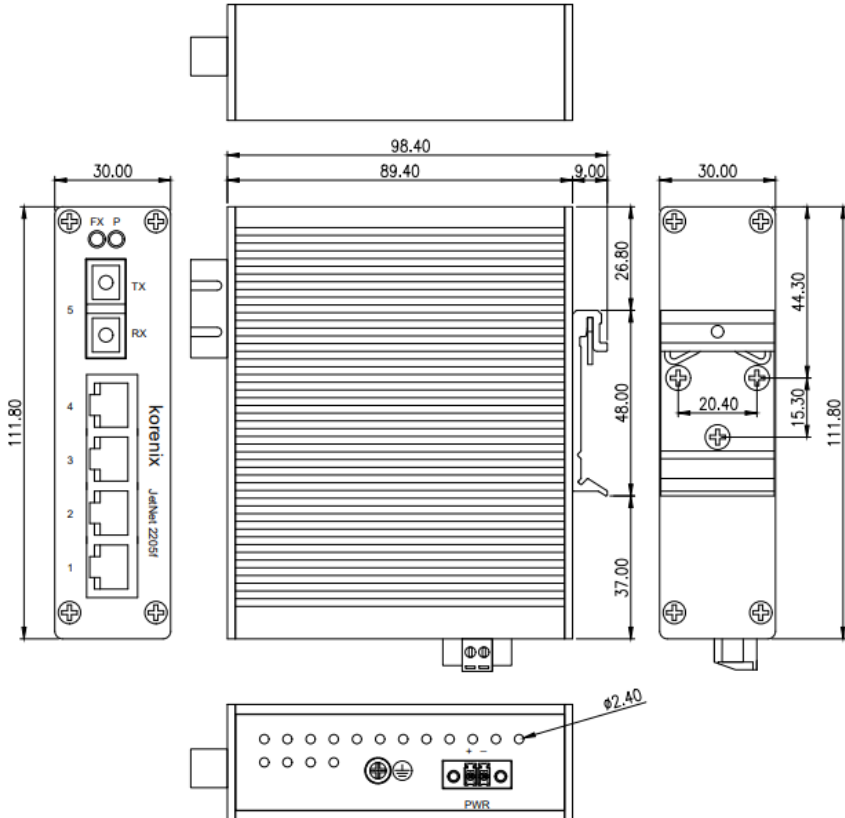
The slim-sized design makes it an ideal model that would physically fit in a network environment with limited space.

Dimensions (Unit = mm)

JetNet 2205



JetNet 2205f



| Technology | |
|-------------------------|---|
| IEEE Standards | IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Bae-Fx IEEE 802.3x Flow Control IEEE 802.1p QoS |
| Performance | |
| Switch Technology | Store and Forward technology |
| MAC Address | 1K MAC Address table |
| Packet Buffer | 448Kbits packet buffer |
| Transfer packet size | 64Bytes - 1536Bytes |
| Transfer Performance | 14,880pps for 10Mbps , 148,800pps for 100Mbps |
| Broadcast Storm Control | Default enabled |
| Interface | |
| RJ-45 Port | JetNet 2205 5-port 10/100BaseT(X) RJ-45 Ethernet Port Non-blocking Switching Performance Auto negotiation speed, Full/Half duplex mode and auto MDI/MDI-X connection JetNet 2205f 4-port 10/100T(X) RJ-45 Ethernet Port Non-blocking Switching Performance Auto negotiation speed, Full/Half duplex mode and auto MDI/MDI-X connection |
| Fiber Port | • 1-port 100Base F(X) (JetNet 2205f) |
| Ethernet Cable | • 100 Base-TX: 4-pair Cat.5e / Cat.6 UTP/STP cable, 100Meters |
| LED | 1x Power (Green on) Per Ethernet Port : 100Mbps Link (Green on), 100Mbps Activity (Green blink) 10Mbps link (Amber on) / 10Mbps Activity (Amber blink) 1x Fiber: Link (Green on), Activity (Green blink) (JetNet 2205f) |
| Power Requirement | |
| System Power | Power inputs |
| Voltage | Dual 12-40VDC |
| Connection | 1x removable 2-contact terminal block |
| Power Consumption | 2W |
| Mechanical | |
| Installation | DIN-Rail mounting |
| Case | IP30 grade metal case |
| Dimension (mm) | 89.4 (D) x 30 (W) x 111.8 (H) (without DIN rail clip) |
| Weight | 0.35kg with package 0.28 kg without package |
| Environmental | |
| Operating Temperature | -40-75°C |
| Operating Humidity | 0% - 95%, (non-condensing) |
| Storage Temperature | -40-85°C |
| Storage Humidity | 0% - 95%, (non-condensing) |

Approvals

| | |
|-----------|---|
| EMC | EN 55032/35 EMI: CISPR 22, FCC Part 15B Class A EMS: IEC 61000-4-2 / IEC 61000-4-3 / IEC 61000-4-4/ IEC 61000-4-5/ IEC 61000-4-6/ IEC 61000-4-8 |
| Shock | IEC60068-2-27 |
| Vibration | IEC60068-2-6 |
| Free Fall | IEC60068-2-32 |
| Warranty | 5 years |

Ordering Information

| | |
|----------------|---|
| JetNet 2205f-s | Industrial 4-port FE RJ-45+ 1 single-mode 30KM SC Ethernet Switch |
| includes | Product Unit Quick Installation Guide |
| JetNet 2205f-m | Industrial 4-port FE RJ-45+ 1 multi-mode 2KM SC Ethernet Switch |
| includes | Product Unit Quick Installation Guide |
| JetNet 2205 | Industrial 5-port FE Ethernet Switch |
| includes | Product Unit Quick Installation Guide |