

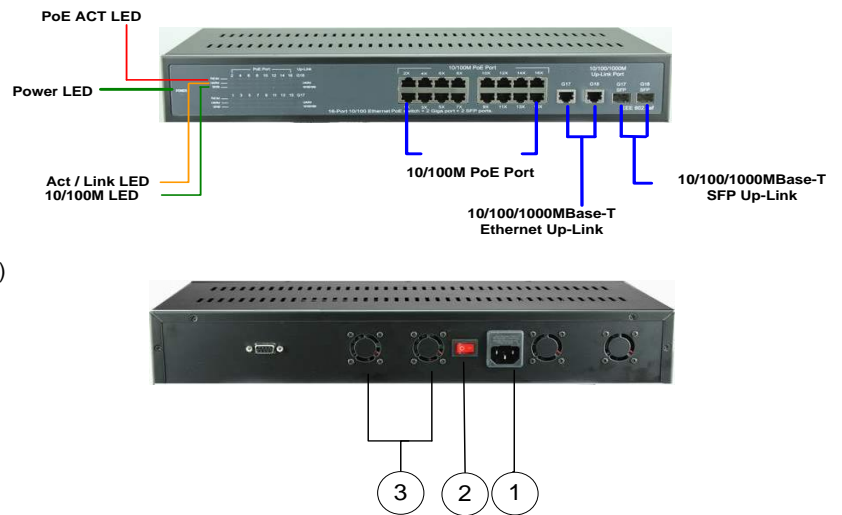


16 + 2 Port Gigabit POE Switch

IV-JF16POE

Features:

- . 16 x 10/100Mbps Auto-negotiation Fast Ethernet RJ-45 ports with 16-Ports PoE function (port 1 ~ port 16)
- . 2 x 10/100/1000MBase_T copper RJ-45 ports + 2 x 10/100/1000MBase_T SFP ports
- . Compliant with IEEE 802.3af
- . Supports PoE power up to 300W for all PoE ports
- . Supports PoE IEEE802.3af compliant Powered Device (PD)
- . Each port supports auto MDI/MDIX, so there is no need to use cross-over cables
- . Full/half duplex transfer mode for each port
- . Wire speed reception and transmission
- . Up to 4K unicast address entities per device. Self-learning, and table aging
- . 2.75Mb RAM packet buffer



| Specification | IV-JF16POE |
|----------------------------------|--|
| Standard | IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x Full Duplex Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet (twisted-pair copper) |
| Protocol | CSMA/CD |
| Data Transfer Rate | Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex) Gigabit Ethernet: 2000Mbps (full duplex) |
| Network Cables | 10Base-T: 2-pair UTP Cat 3, 4, 5 up to 100 meters 100Base-T : 2-pair UTP Cat 5, 5e up to 100 meters 1000Base-T: 4-pair UTP Cat5e 6, up to 100meters 50/62.5um LC signal model or Multi model fiber cable |
| Number of Ports | 16 x 10/100Mbps auto-MDIX RJ-45 ports with 16 PoE enabled ports 2 x 10/100/1000Mbps RJ-45 ports 2 x 10/100/1000Mbps SFP ports (option) |
| PoE power on RJ-45 | Power +: pin 3 & pin 6 ; Power -:pin 1 & pin 2 |
| Power Supply | Input: 100V ~ 240VAC, 50Hz ~ 60Hz. Output: 48VDC 6.2A(300W) |
| Power Consumption | 10.0 watts (max with no PD device connected) 290 watts (300W Power). |
| Temperature | Operation: 0°C ~ 40 °C or 32°F ~ 104 °F Storage Temperature: -10°C ~ 70 °C or 14°F ~ 158 °F |
| Humidity | Relative Humidity: 5% - 95% |
| Dimensions | 430mm W x 256mm D x 66.4mm H |
| EMI | FCC Class B, CE Mark Class B |
| Safety | 110VAC to 240VAC power supply UL listed |
| RAM buffer | 2.75Mb bytes per device |
| Filtering Address Table | 4K entries per device |
| Packet Filtering Forwarding Rate | 10Mbps Ethernet: 14,880/pps 100Mbps Ethernet: 148,800/pps 1000MBase-T Ethernet: 1,488,000/pps |
| MAC address Learning | Automatic update |
| Transmission Method | Store – and – Forward |