



Product Description

The Vi-Link IE14 is a Unmanaged Industrial Fast Ethernet Switch. It provides one 1000Mbps fiber optic SFP LC port and four 10/100/1000Mbps electrical RJ45 ports. The IE14 is designed to meet the various industrial application needs and provide a wide range of industrial Ethernet network communication solutions, including linking multiple remote traffic intersections to the Traffic Operation Center. The IE14 supports DIN rail and panel mounting for installation in the industrial environment.

Applications include ITS Intelligent Traffic Control System, Homeland Security, Metro & Railroad Systems, Oil & Gas Monitoring System, Utility Management, Premise Networks, Military Hardened applications or anything requiring high quality Data Transmission performance.

Features

- 1 1000Mbps SFP
- 4 Port 10/100/1000Mbps RJ45
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation , auto-MDI-MDI-X
- Transmission Distance Up to 50 Km with Single Mode Fiber
- LED indicators for monitoring power/link/activity
- Supports 10/100/1000Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs.
- NEMA operating temperature range.

Applications

- ITS Traffic Applications
- SCADA Networks
- Metro Networks
- Gas & Oil Fields Monitoring Applications
- Railroad Networks
- Military Applications
- Data Acquisition Applications

Ordering Information

| Model | Descriptions |
|----------|---|
| IE14LC03 | Unmanaged Industrial Fast Ethernet Switch, 1 x 1000M-SFP, SM 1310nm, 50 Km, 4 x 10/100M-TX RJ45 , Dual 10~57 VDC *** Replace SFP with SC for SC Connector*** |

Network TV Equipment Series

Model IE14

| System: | |
|---------------------|--|
| Network Standards | IEEE 802.3 10Base-T IEEE802.3i 10Bas-T/IEEE 802.3u 100Base-TX IEEE802.3z 1000Base-X |
| Performance | 1000 Mbps |
| Package Buffer | 1 M |
| Package Forwarding | 148800pps/port |
| MAC Address Table | 8K |
| Forwarding Mode | Store and Forward |
| Indicators | Power, Link, Act |
| Physical: | |
| Dimension | 5" x 3.5" x 1.4" |
| Lighting Protection | IP40 |
| Installation | DIN Rail or Wall Mount |
| Power: | |
| Power | 2 x 10~57 VDC |

| Fiber Interface: | |
|-------------------------|--|
| SFP Port | 1 Port |
| Data Rate | 1000 Mbps |
| Connector | LC |
| Distances | 20KM@1310SM, 50KM@1310SM, 80KM@1550SM |
| TX Interface: | |
| Ports | 2 RJ45 |
| Data Rate | 10/100/1000 Mbps |
| TX Port | Auto-MDI/MDIX |
| Transmission Mode | Half/Full Duplex |
| Environment: | |
| Operating | -34° C to +74°C |
| Storage | -40° C to +85°C |
| Humidity | 98% Non-Condensing |

Application

