

Fiber Optic Unmanaged Ethernet Switch 8 x 10/100/1000M-TX & 2 x 1000M-SFP

Network Equipment Series

Model ME28



Product Description

The Vi-Link ME28 is a Unmanaged Fast Ethernet Switch. It provides two 1000 Mbps fiber optic SFP port and eight 10/100/1000 Mbps electrical RJ45 ports. The ME28 is designed to meet the various industrial application needs and provide a wide range of Ethernet network communication solutions, including linking multiple remote traffic intersections to the Traffic Operation Center.

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

- 2 x 1000Mbps SC
- 8 x 10/100/1000Mbps TX RJ45 Ports
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100/1000 Mbps Auto-negotiation , auto-MDI-MDI-X
- Transmission Distance Up to 50 Km with Single Mode Fiber
- LED indicators for monitoring power/link/activity
- Supports 10/100/1000 Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Super lightening protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- 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

| Model | L Descriptions | |
|----------|--|--|
| ME28LC03 | Unmanaged Ethernet Switch, 2 x 1000M LC SFP, SM 1310nm, 50 Km, 8 x 10/100/1000M-TX RJ45 , +5 VDC *** Replace LC with SC for SC Connector*** | |



Technical Specifications

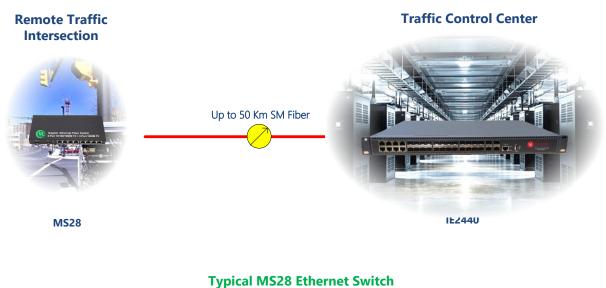
Model MS28

Network TV Equipment Series

| System: | | | | |
|---------------------|---|--|--|--|
| Network Standards | IEEE 802.3 10Base-T IEEE802.3i 10Bas-TIEEE 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 | 8" x 3.5" x 1.4" | | | |
| Lighting Protection | IP40 | | | |
| Power: | | | | |
| Power | +5 VDC Power Adaptor | | | |

| Fiber Interface: | | | | |
|-------------------|--|--|--|--|
| Port | 2 | | | |
| Data Rate | 1000 Mbps | | | |
| Connector | LC SFP | | | |
| Distances | 20KM@1310SM, 50KM@1310SM, 80KM@1550SM | | | |
| TX Interface: | | | | |
| Ports | 8 TX 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



In Traffic Monitoring Application

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