

Fiber Optic Unmanaged Ethernet Switch 16 x 10/100/1000M-TX & 2 x 1000M-SFP

Network Equipment Series



Product Description

The Vi-Link ME216 is a Unmanaged Fast Ethernet Switch. It provides two 1000 Mbps fiber optic SFP ports and sixteen 10/100/1000 Mbps electrical RJ45 ports. The ME216 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
- 16 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

ME2

iei	Descriptions	
216LC03	Unmanaged Ethernet Switch, 2 x 1000M LC SFP *** Replace LC with SC for SC Connector***	, SM 1310nm, 50 Km, 16 x 10/100/1000M-TX RJ45 , +5 VDC

Model ME216



Technical Specifications

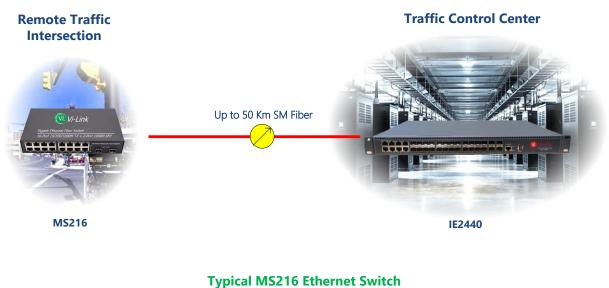
Model MS216

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	5" 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	16 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 $+85^{\circ}$ C		
Humidity	98% Non-Condensing		

Application



In Traffic Monitoring Application

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