

## Industrial Unmanaged Ethernet Switch 4 x 10/100/1000M-TX & 1 x 1000M-SFP

Model IE14

#### Network Equipment Series



### 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 lightening 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 10/1000M-TX RJ45 , Dual 10~57 VDC *** Replace SFP with SC for SC Connector***	



# Technical Specifications

Model IE14

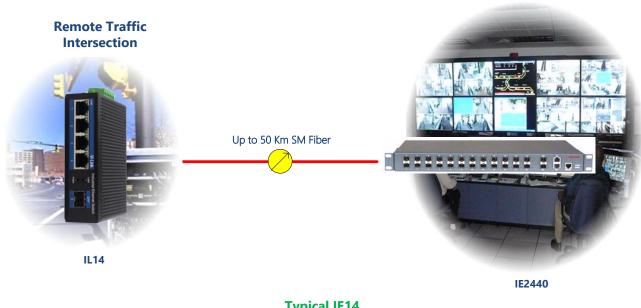
#### Network TV Equipment Series

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	8К		
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 <sup>°</sup> C to +74 <sup>°</sup> C		
Storage	-40° C to +85°C		
Humidity	98% Non-Condensing		

**Traffic Control Center** 

# Application



#### Typical IE14 In Traffic Monitoring Application

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