



## Product Description

The Vi-Link IE8 is a Unmanaged Industrial Fast Ethernet Switch. It provides eight 10/100/1000Mbps electrical RJ45 ports. The IE8 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 IE8 supports DIN rail and panel mounting for installation in the harsh 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

- 8 Port 10/100/1000Mbps RJ45
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation , auto-MDI-MDI-X
- 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
IE8	Unmanaged Industrial Ethernet Switch 8 x 10/1000M-TX RJ45 , Dual 10~57 VDC

## Network TV Equipment Series

Model IE8

<b>System:</b>	
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
<b>Physical:</b>	
Dimension	6" x 5.2" x 2"
Lighting Protection	IP40
Installation	DIN Rail or Wall Mount

<b>TX Interface:</b>	
Ports	8 RJ45
Data Rate	10/100/1000 Mbps
TX Port	Auto-MDI/MDIX
Transmission Mode	Half/Full Duplex
Ethernet Cable	10Base-T Cat3,4,5 UTP 100meters 100Base-T Cat5,6 UTO 100meters 1000Base-T Cat6 UTP 100meters
<b>Environment:</b>	
Operating	-34 <sup>0</sup> C to +74 <sup>0</sup> C
Storage	-40 <sup>0</sup> C to +85 <sup>0</sup> C
Humidity	98% Non-Condensing
<b>Power:</b>	
Power	2 x 10~57 VDC

## Application



**Typical IE8  
In Traffic Cabinet**