



Overview

The **VILINK MC102** is a Unmanaged Industrial Fast Ethernet Switch. It provides one 100Mbps fiber optic SC port and two 10/100Mbps electrical RJ45 ports. The MC102 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 MC102 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 x 100M FX Fiber Port
- 2 x 10/100M TX Ethernet Ports
- Support 802.1Q 4K VLAN, port based, protocol based VLAN, Generic Attribute Registration Protocol (GARP), GARP VLAN Registration Protocol (GVRP)
- Static and Dynamic port aggregation
- Port rate limit, broadcast storm control, port mirroring, rich Quality of Service (QoS) features
- 24 VDC power input for high reliability
- DIN rail or panel mount

Applications

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

Ordering Information

Model	Descriptions
MC102SC03	Unmanaged Industrial Fast Ethernet Switch, 1x100M-FX SC,SM 1310nm, 40 Km, 2x10/100M-TX RJ45 , 24VDC *** Please Consult Factory for Additional Model Numbers***

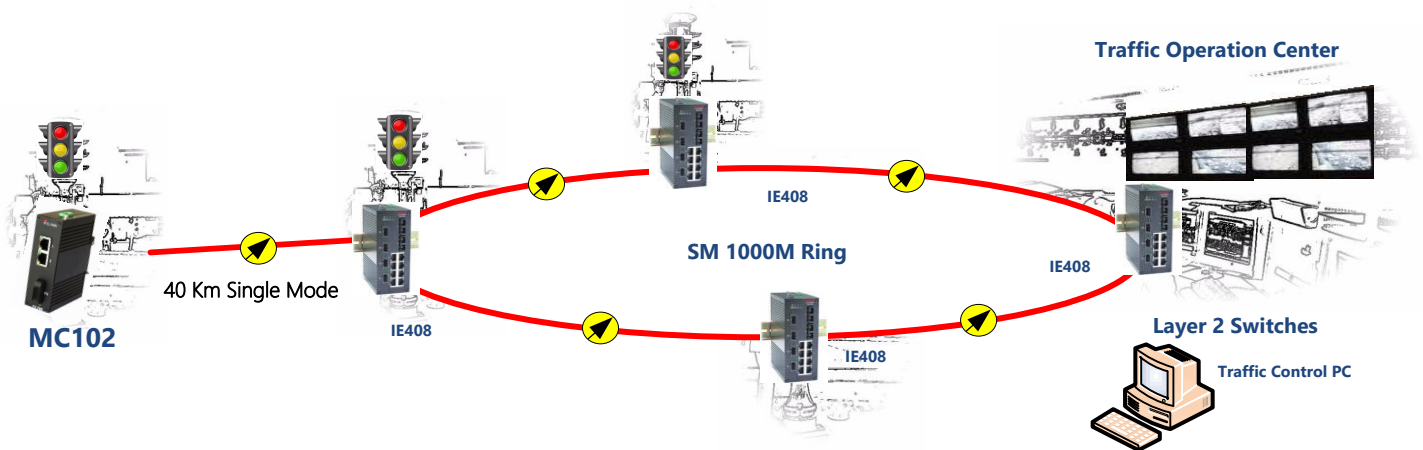
ITS Equipment Series

Model MC102

System:	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Physical:	
Dimension	5.5" x 4.5" x 2.5"
Power	24 VDC @ 0.5 Amp
Environment:	
Operating	-34 ⁰ C to +74 ⁰ C
Storage	-40 ⁰ C to +85 ⁰ C
Humidity	98% Non-Condensing

Fiber Interface:	
FX Port	1 Port
Data Rate	100 Mbps
Connector	SC
Distances	20KM@1310SM, 40KM@1310SM, 100KM@1550SM
TX Interface:	
Ports	2 RJ45
Data Rate	10/100 Mbps
TX Port	Auto-MDI/MDIX
Transmission Mode	Half/Full Duplex

Application



Typical MC102 With IE408 Application