



# Industrial Managed Compact 8 Port Ethernet Switch

IE-MG-0802-0002

## Product Description

The Industrial Managed Compact 8 Port Ethernet Switch is designed for high-performance networking in industrial environments. It features 8x 10/100/1000Base-TX ports and 2x 100/1000Base-X SFP ports, providing versatile and reliable connectivity. This switch supports web management and 802.3x flow control. Its 10/100/1000Mbps RJ45 ports with full/half-duplex, auto-negotiation, and auto MDI/MDIX capabilities ensure efficient and adaptable network performance.



## Ports Interface

RJ45 (1-8)	8x RJ4510/100/1000Base-TX Ethernet Ports
Optical (9-10)	2x 100/1000Base-X SFP ports

## Ethernet Standards

IEEE802.3
IEEE802.3u
IEEE802.3ab
IEEE802.3z
IEEE802.3az

## Indicators

PWR	Power status
Ethernet	Link/Activity per port
Fiber	SFP port status (F9 - F10)

## Environmental Standards

Rating	IP40
Storage Temperature	-40°C to 85°C
Operating Temperature	-40°C to 80°C
Humidity Tolerance	5% to 95%

## Physical Properties

Weight	300g
Case Material	Aluminum
Dimensions (H x D x W)	95mm x 65mm x 45mm
Mounting	Optional DIN-Rail mount included Optional wall mount included

## Software

Management	Web management
Redundancy	STP support
Multicast	IGMP snooping V1/V2/V3
VLAN	IEEE 802.1Q 4K VLAN
QoS	1Q, ACL, DSCP, CVLAN, SVLAN, DA, SA, Port Priority, Queue Weight
Maintenance	Port mirroring, Syslog, Ping
Security	Broadcast/Multicast Storm Protection, MAC filtering, MAC Constraint

## Technical Specifications

Forward and Filtering Rate	14,880pps (10Mbps) / 148,800pps (100Mbps) / 1,488,000pps (1000Mbps)
Packet Buffer Memory	9216 bits
Maximum Packet Length	9K bytes - jumbo frame
Backplane Bandwidth	20Gbps
Address Table	4K MAC addresses
Processing Type	Store and forward

## Power

Power Input	12-48VDC
Power Input Redundancy	Dual inputs via 4-pin terminal block
Power Input Overload Protection	Automatic resettable fuse
Reverse Polarity Protection	Present
Self Consumption	5W

Any questions?

Visit our website at: [www.verdelon.com](http://www.verdelon.com)

Contact us: [info@verdelon.com](mailto:info@verdelon.com)