



Industrial Managed Compact 8 Port PoE+ Switch

IS-MG-0802-0001

Product Description

The Industrial Managed Compact 8-Port PoE Switch delivers high performance in a compact design, ideal for space-constrained environments. It supports IEEE 802.3at PoE+ with up to 30W per port, features eight Gigabit RJ45 PoE ports, and includes two 100/1000Base-X SFP slots for flexible connectivity. With advanced web management, flow control, and Energy Efficient Ethernet (EEE), it ensures reliable and efficient network performance. The perfect option for space-constrained industrial environments.



Ports Interface

RJ45 (1-8)	8x 10/100/1000Mbps PoE ports - full/half duplex - auto negotiation - auto MDI / MDI-X
Optical (9-10)	2x 100/1000Base-X SFP ports

Ethernet Standards

IEEE802.3
IEEE802.3u
IEEE802.3ab
IEEE802.3z
IEEE802.3az (EEE)
IEEE802.3x Flow Control
IEEE 802.3D/W/S
PoE IEEE802.3af
PoE+ IEEE802.3at

Indicators

PWR	Power status
PoE	PoE status
Ethernet	Link/Activity per port

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	48-57VDC
Power Input Redundancy	Dual inputs via 4-pin terminal block
Power Input Overload Protection	Automatic resettable fuse
Reverse Polarity Protection	Present
Self Consumption	5W
Maximum Load Per Port	30W
Total PoE Budget	240W

Any questions?

Visit our website at: www.verdelon.com

Contact us: info@verdelon.com