

VERDELON

Industrial 2 Port High Power PoE++ Media Converter

IM-UM-0201-0001

Product Description

The Industrial 2 Port High Power PoE Media Converter is engineered for reliability and versatility, supporting the advanced IEEE802.3bt PoE standard. It features two high-power RJ45 PoE ports and a dual-mode SFP port that automatically detects 100Base-FX or 1000Base-X connections, ensuring seamless and adaptable network integration.





Ports Interface

RJ45	2x RJ45 PoE ports w/ auto MDI / MDI-X
Optical	1x 1000Base-X or 100Base-FX SFP port w/ auto detection

Ethernet Standards

IEEE802.3
IEEE802.3u
IEEE802.3ab
IEEE802.3z
IEEE802.3az
PoE IEEE802.3af
PoE+ IEEE802.3at
PoE++ IEEE802.3bt

Indicators

PWR	Power status
PoE	PoE status
Ethernet	Link/Activity per port
SFP	Fiber link status

Environmental Standards

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

Technical Specifications

Forward and Filtering Rate	14,880pps (10Mbps) / 148,800pps (100Mbps) / 1,488,000pps (1000Mbps)
Packet Buffer Memory	1 Mbit
Maximum Packet Length	9K bytes
Backplane Bandwidth	20Gbps
Address Table	2K MAC addresses
Processing Type	Store and forward

Power

Power Input	48-57VDC
Self Consumption	5W
Maximum Load Per Port	90W
Total PoE Budget	180W

Physical Properties

Weight	250g
Case Material	Aluminum
Dimensions (H x D x W)	95mm x 65mm x 30mm
Mounting	Optional DIN-Rail mount included Optional wall mount included

Any questions?

Visit our website at:
www.verdelon.com

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