FOCD-H-TGPS-SFP-90W
FOCD-H-TG2PS-SFP-90W

MANAGED HARDENED FIBER-TO-ETHERNET 802.3BT POE INJECTOR

Overview

CONNECTIVITY

1 or 2 x Ethernet 802.3bt PoE ports 90W

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HARDENED

Hardened Grade -40 to +75°C

CXR FOCD-H Managed Hardened Fiber-to-Ethernet 802.3bt PoE Injector are equipped with 1-port and 2-port 10/100/1000 Base-TX IEEE 802.3bt PoE standard to transmit power and data between 100/1000 Base-FX Fiber and 10/100/1000BASE-T(X) Ethernet interface. The *FOCD-H* boost the total power budget up to 120W and deliver at most to 90W for one port. With Dual DC power input design, the *FOCD-H* offer power protection for redundancy.

Featuring an extended operating temperature range of -40 to 75°C, the *FOCD-H* Managed Hardened Fiber-to-Ethernet 802.3bt PoE Injectors can be used power budget in hazardous environments.

Supporting Link Fault Pass-Through (LFPT) function, the *FOCD-H* enable uplink device to get the link fail information if downlink device fails. CXR's *FOCD-H* Managed Hardened Fiber-to-Ethernet 802.3bt PoE Injectors enable reliable and stable high-speed network communication in a variety of Hardened environments.
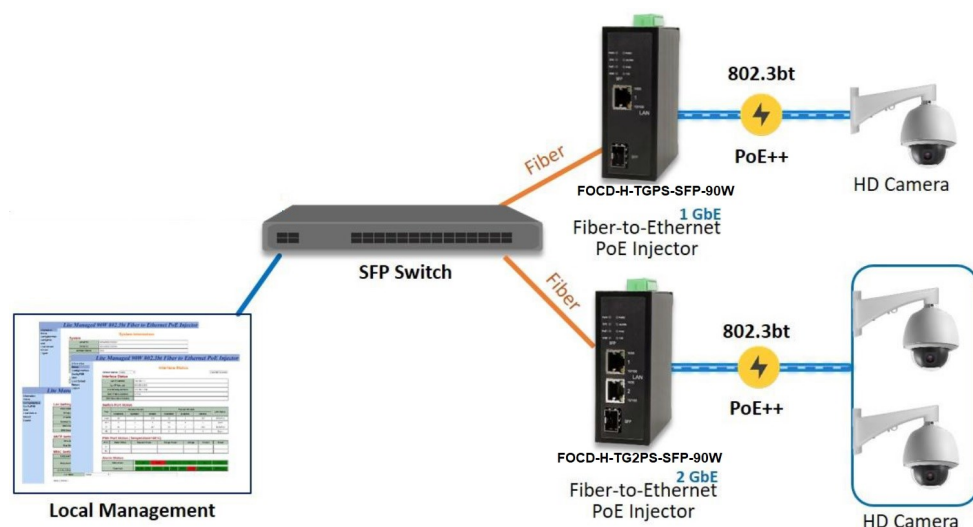
Applications

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Specifications

Specifications	
Hardware Interfaces	• 1 * 100/1000 Base-FX Fiber • 1 or 2 * 10/100/1000 Base-TX IEEE 802.3bt PoE Port
4 Position DIP Switch	• PoE Auto/Force output • PoE function Enable/Disable • LFPT Enable/Disable • Alarm Output Enable/Disable
LED Indicators	• PWR1 & PWR2: GREEN and ON if power is provided • SYS: GREEN and ON if system is working • ALARM: RED and ON if alarm happens • PoE1 & PoE2: GREEN and ON if power output port1 or 2 • SFP 100: GREEN and ON if SFP is 100Mbps • SFP 1000: GREEN and ON is SFP is 1000Mbps
Operating Environment	• Operating Temperature: -40 to +75°C • Storage Temperature: -40 to +85°C • Humidity: 10% - 95 % (non-condensing)
Physical	• Hardened aluminum case, IP30 • Dimensions (WxHxD): 102x83x38mm • Installation: DIN-Rail and Wall Mounting
Regulatory Complaince	• CE • FCC Part 15 Class A • EN62368
Power Supply	• Terminal block and DC Jack for redundant DC power imputs • FOCD-H-TGPS: 48VDC/3A (109W max.) 54VDC/2.5A (101W max) • FOCD-H-TG2PS: 48VDC/3A (135W max.) 54VDC/2.5A (131W max) • Automatic short protection
Software Functions	
Web Management	• PoE Scheduling • Device alive check
Web Configuration	• Username / password authentication • PoE status • PoE Configuration

Ordering Information

Part Number	Designation
FOCD-H-TGPS-SFP-90W	Hardened media converter DIN rail format, 1 x 10/100/1000BT PoE PSE 802.3bt 90W to 100/1000SX/LX w/o SFP module, -40 to+75°C, 48VDC power supply input available on terminal block. Metal housing, Max. power consumption 109W
FOCD-H-TG2PS-SFP-90W	Hardened media converter DIN rail format, 2 x 10/100/1000BT PoE PSE 802.3bt 90W (max budget of 120W for 2 ports) to 100/1000SX/LX w/o SFP module, -40 to+75°C, 48VDC power supply input available on terminal block. Metal housing, Max. power consumption 135W

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