

Micro Mini Gigabit PoE PD SFP Fiber Media Converter

Features

- ▶ IEEE802.3af/at/bt PoE Powered – no power adapter is required
- ▶ 10/100 /1000Base-T to 100/1000Base-X SFP
- ▶ SFP port support 100Base-FX or 1000Base-X dual mode (auto detection)
- ▶ USB-powered for portability, or use 5~15VDC wide range power input
- ▶ Ultra compact and weigh less than 2 ounces
- ▶ Support 9k jumbo frame
- ▶ Options in single mode dual fiber, multi-mode dual fiber, and single mode in single fiber
- ▶ Aluminum Case: Conducive to heat dissipation; Lower weight and lower freight cost
- ▶ Easy to install and use



Overview

UF-C3011SFP-PD Micro Mini Gigabit PoE PD SFP Fiber Media Converter, converts 10/100/1000BASE-T copper Ethernet to 100/1000BASE-X Fiber SFP media and vice versa. The UF-C3011SFP-PD is conveniently powered via PoE switch or injector, no power adapter is required. It features one gigabit PoE input port for power and data, plus one SFP slot that supports both multimode (SX) or single-mode (LX) SFP modules. The SFP slot accommodates both Fast Ethernet and Gigabit SFP modules providing further installation flexibility. The UF-C3011SFP-PD features two kinds of power input system designs (IEEE 802.3af/at/bt 48V~54V DC in-line power and optional 5~15V DC input) incorporated into customer's network to enhance system reliability and uptime.

Application



Specifications

Ethernet	
Standards:	IEEE 802.3, 10BASE-T
	IEEE 802.3u, 100BASE-TX/100BASE-FX
	IEEE 802.3ab, 1000BASE-T
	IEEE 802.3z, 1000BASE-SX/LX
	IEEE 802.3x Full-duplex flow control
Flow Control:	Back pressure for half duplex
	IEEE 802.3x pause frame for full duplex
Jumbo Frame:	9K
Network Cables:	<p>10/100/1000BASE-T : Cat3, 4, 5, 5e, 6 UTP cable (100 meters, max.) EIA/TIA-568 100-ohm STP (100 meters, max.)</p> <p>1000BASE-SX : 50/125 μ m or 62.5/125 μ m multi-mode fiber optic cable, up to 550m (varying on SFP module)</p> <p>1000BASE-LX : 9/125 μ m single-mode fiber optic cable, up to 10/20/40/60/80/120 kilometers (varying on SFP module)</p> <p>100BASE-FX : 50/125 μ m or 62.5/125 μ m multi-mode fiber optic cable, up to 2 kilometers (varying on SFP module) 9/125 μ m single-mode fiber optic cable, up to 20/40/60 kilometers (varying on SFP module)</p>
Connector:	1 x 10/100/1000BASE-T RJ45
Optical Port:	1x 100/1000Base-X SFP
PoE (Power over Ethernet)	
Standard:	IEEE 802.3af Power over Ethernet
	IEEE 802.3at Power over Ethernet Plus
	IEEE 802.3bt 4-pair Power over Ethernet Plus Plus (Type 3)
	IEEE 802.3bt 4-pair Power over Ethernet Plus Plus (Type 4)
Port:	RJ45
Electrical and Mechanical	
Input Power:	IEEE 802.3af/at/bt PoE 48V-54V DC in-line power (optional DC 5~15V(Type-C) external power adapter)
Power Consumption:	< 3W
Environmental	
Operating Temperature:	0°C to 55°C (32°F to 131°F)
Storage Temperature:	-10°C to 70°C (14°F to 158°F)
Relative Humidity:	5% to 95% non-condensing
Storage Humidity:	5% to 95% non-condensing
LED Indicators	
PWR:	Power Status

FX Link/Act:	Fiber Link Status
TX Link/Act:	Ethernet Link Status
Dimensions (LxWxH):	78 x 27 x 18mm
Weight:	46g (device only)
Casing:	Aluminum Case
Mounting Options:	Desktop
Regulatory Approvals	
CE, RoHS, FCC	

Order Information

Model	Description
UF-C3011SFP-PD	Micro Mini 802.3af/at PoE+ PD 10/100/1000T to 100/1000X SFP Media Converter
SFP	▶ SFP option. Please select your SFP on our SFP Options Page.
	▶ SFP module is to be purchased separately
Mounting Options:	▶ Desktop
Power Options:	▶ IEEE 802.3af/at/bt 48V~54V DC in-line power
	▶ Optional 5~15V DC input