NET-TL-FC111PB-20

TP-Link TL-FC111PB-20 10/100Mbps WDM Media Converter with 1-Port PoE

Product Overview

TP-Link TL-FC111PB-20 10/100Mbps WDM Media Converter with 1-Port PoE



Specifications

Overview:

TL-FC111PB-20 is a 10/100 Mbps media converter with 802.3af PoE output, providing 1x 10/100 Mbps PoE RJ45 port and 1x 100 Mbps SC fiber port, which can convert between electrical and optical signals. With up to 20 km fiber transmission distance and 802.3af PoE output, the media converter is designed to address the needs of flexible long-range surveillance deployment with optical fibers. It provides an economical path towards extending the distance of an existing network.

TL-FC111PB-20 adopts WDM (wavelength division multiplexing) technology, helping send and receive data at a distance of up to 20 km with only a single mode fiber, which saves half of the cable deployment cost for customers. TL-FC111PB-20 transmits data at 1310 nm wavelength and receives data at 1550 nm wavelength on optical fiber. Therefore, the terminal device used in conjunction with the TL-FC111PB-20 should send data at a wavelength of 1550 nm and receive data at a wavelength of 1310 nm. TP-Link another media converter TL-FC111A-20 is one of the products that can cooperate with TL-FC111PB-20. Besides, this media converter can be used as a standalone device (no rack required) or used with TP-Link's TL-FC1420 rack for auto MDI/MDI-X in TX port in which duplex mode is automatically negotiated.

Features:

- Converts the data between fiber (optical signal) and copper (electric signal).
- Extends fiber distance up to 20 km.
- The 802.3af PoE output makes remote camera deployment easier and more convenient.
- WDM (Wave Division Multiplexing) technology enables to transmit and receive data over one single fiber strand instead of two.
- Wide operating temperature (0-50 degC) with reliability.
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode.

Specifications:

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Specifications	
Product Code	NET-TL-FC111PB-20
NETWORK	
Standards and Protocols	IEEE802.3, IEEE802.3i, IEEE802.3u
ENVIRONMENT	
Operating Temperature	0-50 degreesC (32-122 degreesF)
Storage Temperature	-40-70 degreesC (-40-158 degreesF)
Operating Humidity	10-90% RH non-condensing
Storage Humidity	5-90% RH non-condensing
HARDWARE FEATURES	
Network Media	100BASE-Tx: 2-pair UTP/STP of Cat. 5 or above (<=100 m)
Power Supply	48 V/0.5 A
LED	PWR, Link/Act, PoE
Dimensions (W x D x H)	3.7x2.9x1.1 in (94.5x73.0x27.0 mm)
Wave Length	1310 nm TX, 1550 nm RX
ANTENNA	
Connector Type	1x 10/100 Mbps PoE RJ45 port
	1x 100 Mbps SC fiber port
MEDIA CONVERTER & MODULE	
Fiber Type	9/125 um single-mode fber (<=20 km)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/NET-TL-FC111PB-20-TP-Link-TL-FC111PB-20-10-100Mbps-WDM-Media-Converter-with-1-Port-p-259642.php

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