

WDM Media Converter with 1-Port PoE

Datasheet

MC112CSP-20

Omada 10/100Mbps WDM Media Converter with 1-Port PoE



Highlights

- Complies with 802.3u 10/100Base-TX, 100Base-FX standards
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Extends fiber distance up to 20km
- The 802.3af PoE output makes remote camera deployment easier and more convenient.

Overview

MC112CSP-20 is a 10/100 Mbps media converter with 802.3af PoE output, providing 1× 10/100 Mbps PoE RJ45 port and 1× 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.

Specifications

Hardware Features & Performance

Model		MC112CSP-20
General	Standards	IEEE 802.3, IEEE 802.3i, IEEE802.3u, IEEE802.3af
	LED	PWR, Link/Act, PoE
	Interface	• 1×100 Mbps SC/UPC Fiber Port • 1× 10/100 Mbps PoE RJ45 Port (Auto MDI/MDIX)
	Network Media	• Single-mode Fiber • UTP category 5, 5e cable (maximum 100m)
	Fiber Type	9/125 μm single-mode fiber
	Transmission Distance	≤20 km
	Wave Length	• 1310 nm TX • 1550 nm RX
	PoE	PoE 802.3af; up to 15.4 W for the PoE port
	Power Supply	48 V/0.375 A
	Dimensions	94.5×73×27 mm (3.72×2.87×1.06 in)
Physical & Environment	Operating Temperature	-5 °C to 50 °C (23 °F to 122 °F)
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing