

RP-MC311PFP

10/100/1000Base-T to 100/1000Base-X SFP Gigabit PoE Media Converter

The RP-MC311PFP is a versatile media converter that bridges 10/100/1000Base-T copper connections to 1000Base-X fiber optics. It supports IEEE 802.3 standards, ensuring seamless integration into diverse network environments.

Equipped with PoE+ capabilities, it delivers up to 30W per port, powering devices like IP cameras and wireless access points. Its auto-sensing features and MDI/MDI-X support simplify installation and maintenance.

Designed for reliability, the converter includes DIP switches for flow control and Link Fault Pass-through (LFP) functions. Operating within a 0°C to 40°C range, it's ideal for various networking scenarios.



Features

- Complies with IEEE 802.3, 802.3u, 802.3z, 802.3ab, and 802.3af/at PoE
- Gigabit Media Conversion, converts 10/100/1000Base-T to 1000Base-X
- Support auto-sensing for full/half-duplex modes
- Support 100/1000M SFP fiber port
- Support PoE+, 30W per port
- Support DIP switch for flow-control and LFP function
- Store-and-Forward, Buffers packets to reduce transmission errors
- Supports operating temperature 0 ~40°C

Specifications

Standard	<ul style="list-style-type: none">• IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, IEEE802.3ab 1000Base-T,• IEEE802.3z 1000Base-SX/LX Gigabit Ethernet• IEEE802.3af/at PoE
Interface	<ul style="list-style-type: none">• One 10/100/1000BASE-T PoE+ port• One 100/1000BASE-X SFP Fiber port
DIP Switch	<ul style="list-style-type: none">• DIP 1: LFP On/Off• DIP 2: Flow Control On/Off
Switch fabric	<ul style="list-style-type: none">• 4 Gbps
Throughput	<ul style="list-style-type: none">• 2.976 Mpps
Jumbo Frame	<ul style="list-style-type: none">• 9KB
MAC address table	<ul style="list-style-type: none">• 2K
LED indicators	<ul style="list-style-type: none">• PWR (Green) power supply• 1000 (Green) 1000Mbps for UTP• 100 (Green) 100Mbps for UTP• L/A (Green) Link/Active for UTP• FX (Green) Link/Active for Fiber• FDX (Green) Full duplex mode for UTP
Power supply	<ul style="list-style-type: none">• External power adapter DC52V/65W
Power consumption	<ul style="list-style-type: none">• Max. 33W
Operating Temperature	<ul style="list-style-type: none">• 0~40°C
Operating Humidity	<ul style="list-style-type: none">• 5%~90%
Storage Temperature	<ul style="list-style-type: none">• -40~70°C
Storage Humidity	<ul style="list-style-type: none">• 5% ~ 90% non-condensing
Dimensions	<ul style="list-style-type: none">• 71 × 94 × 26 mm (WxDxH)
Certification	<ul style="list-style-type: none">• CE, FCC

Ordering information

RP-MC311PFP 10/100/1000Base-X to 100/1000BASE-X SFP slot Gigabit PoE Media Converter