## RP-MC211FP

**10/100/1000Base-TX to 1000Base-X SFP Gigabit Media Converter**

RP-MC211FP is 10/100/1000Mbps adaptive Gigabit Ethernet media converter fully compatible with 10/100/1000Base-T Ethernet networks, the fiber media converter supports auto negotiation to bridge different speed networks and devices to a Gigabit fiber network.

It features an open SFP slot that lets you choose the SFP which suits your fiber connection mode (single / multimode) and distance requirements.

The RP-MC211FP can be used as a card module that can easily be installed into RP-MCR216 the 16 Slot, 2U Rack-mounted Chassis or for standalone operation.

## Feature

- Supporting inter-conversion between adaptive 10Base-T/100Base-TX/1000Base-T with 1000Base-SX/LX
- 10/100/1000M media converter with SFP slot is available
- Supporting full-duplex and half-duplex and its auto-sensed
- Supporting auto-sense of MDI/MDI-X, facilitating system commissioning and installation
- Supporting flow control for full-duplex and back pressure for half-duplex
- Supporting the transmission of extra-long VLAN packets
- Supporting Quality of Service (QoS) and ensuring the transmission of VoIP packets;
- Options in single mode dual fiber, multi-mode dual fiber, and single mode in single fiber

# Specification

| Standards | • IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet,<br>• IEEE802.3ab 1000Base.-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet<br>• IEEE802.3x Flow Control |
|---|---|
| Interface | • One RJ45 port: 10/100/1000Mbps Gigabit Ethernet<br>Connecting with STP/UTP category-5 twisted pairs, EIA568A/B<br>• One optical port:<br>Multi-mode Dual-fiber: SC/LC(SFP) (50, 62.5/125μm)<br>Single mode Dual-fiber: SC/FC/LC(SFP) (9/125μm) |
| Wavelength | • 850nm/1310nm/1550nm |
| Transmission distance | • multi-mode Dual-fiber: 220m (62.5/125μm)/550m (50/125μm)<br>• single mode Dual-fiber: 20/40/60/80 Km<br>• single mode Single fiber: 20/40/60/80 Km<br>• Category-5 twisted pairs: 100m |
| Jumbo frame | • 9K |
| LED indicators | • POWER (power supply), FX LINK (optical link action)<br>• TP LINK1000 (TP cable rate1000M), TP LINK100 (TP cable rate 100M)<br>• TP ACT (TP cable packet forwarding action) |
| Power Consumption | • Max. 3 Watts |
| Power Supply | • Internal Power supply 100~240VAC, 50/60Hz /48VDC |
| Environment | • Operating Temperature: -10~55°C<br>• Storage Temperature: -40~75º C<br>• Operating Humidity: 5% to 90% (Non-Condensing) |
| Dimension | • W127 x H32 x D156mm<br>• W77.2 x H26 x D113mm (Slider card) |
| Certification | • FCC, CE |

# Ordering information

**RP-MC211FP**      10/100/1000Base-TX to SFP Gigabit Media Converter
**RP-MC211FP/C**   10/100/1000Base-TX to SFP Gigabit Media Converter Slider Card