

RP-110TMCS | RP-110TMTS

RP-110C15S | RP-110C30S

Smart 10/100BASE-T to 100BASE-FX Media Converter



The Smart Media Converter is a network technology specified by IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX, 100BASE-FX standards.

When LLCF is enabled, the ports do not transmit a link signal until they receive a link signal from the opposite port. Link loss is “carried forward” to the managed switch or hub that is sending the link. LLCF can be used for either the copper or fiber ports.

When LLR is enabled, the fiber port’s transmitter shuts down if its receiver fails to detect a valid receive link. If one of the optical conductors is bad, the card with LLR enabled will return a no link condition to its link partner. LLR is used to detect link problems only on the fiber port.

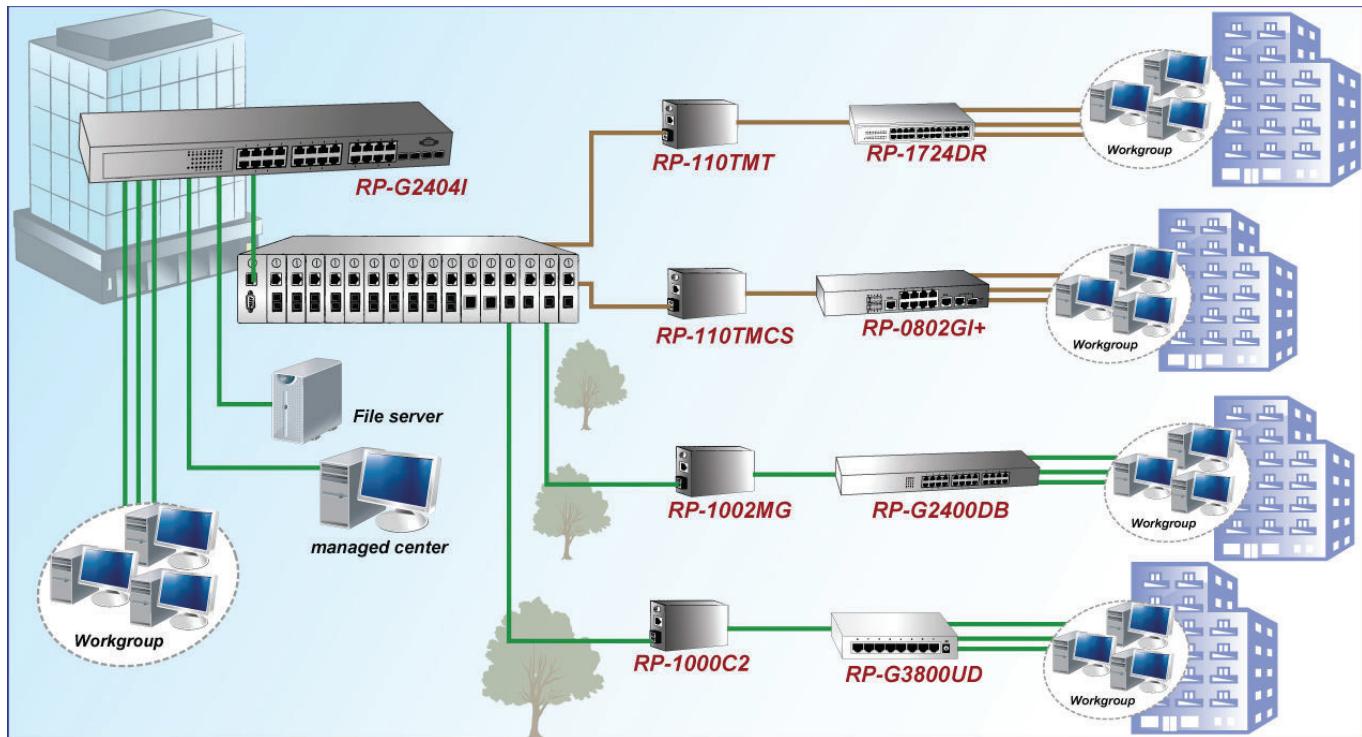
Feature

- Comply with IEEE 802.3 10BASE-T, 802.3u 100BASE-TX, 100BASE-FX Ethernet Standards
- Provide one 10/100BASE-T port with RJ-45 connector, one 100BASE-FX port with SC connector supporting single-mode fiber
- Provide Dip Switch to setting: Fiber (FDX/HDX), UTP (Auto negotiation/Manual), Speed (10/100M), duplex (Half/Full), LLR (Enable/Disable), LLCF (Enable/Disable)
- Front panel Diagnostic LED Indications
- Extend single-mode fiber optic distance up to 100km
- Provide 19" system chassis for up to 16-converter with Redundant Power supply for optional expansion use
- Provides a slide switch for Full and Half Duplex selection on FX port
- Support LLCF (Link Loss Carry Forward, Link Pass Through)
- Provide Dip Switch to setting: Fiber (auto/manual), LLR (Enable/Disable)
- Monitor the status of duplex/ link for FX, duplex/ speed/ link for TX via management module (MOD-MCSNMP) through Media Converter Chassis System (RP-MCR116)
- Set FX duplex, TX Auto/Manual, TX force duplex, TX force speed, LLCF on/off, FX LLR on/off, ports on/off via the MOD-MCSNMP through RP-MCR116
- Provide link down source port information

Specification

Standards	<ul style="list-style-type: none"> IEEE802.3 10BASE-T, IEEE 802.3u 100BASE-TX, 100BASE-FX
Interface	<ul style="list-style-type: none"> 1*10/100BASE-TX auto-negotiation ,auto-MDIX 1-100BASE-FX
Network Media	<ul style="list-style-type: none"> 10BASE-T: 2-pair UTP Cat. 3, 4, 5, up to 100 m(328 ft) 100BASE-TX: 2-pair UTP Cat. 5, up to 100 m (328 ft) 100BASE-FX: 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 2 km 9/125µm or 10/125µm single-mode fiber optic cable, up to 15/30/60km
Protocol	<ul style="list-style-type: none"> CSMA/CD
LED Indicators	<ul style="list-style-type: none"> Per unit: Power Per port (TX): Link/Activity, FDX/HDX, Link Fail, Speed , (FX): Link/Activity, FDX/HDX, Link Fail
Feature	<ul style="list-style-type: none"> Provide 19" system chassis for up to 16-converter with Redundant Power supply for optional expansion use Monitor the status of duplex/ link for FX, duplex/ speed/ link for TX via management module (MOD-MCSNMP) through Media Converter Chassis System (RP-MCR116). Set FX duplex, TX Auto/Manual, TX force duplex, TX force speed, LLCF on/off, FX LLR on/off, ports on/off via the MOD-MCSNMP through RP-MCR116 Provide link down source port information
Power Consumption	<ul style="list-style-type: none"> 2W
Power Supply	<ul style="list-style-type: none"> External power Adapter DC 5V/1A
Environment	<ul style="list-style-type: none"> Operating Temperature: 0°C~40°C Operating Humidity: 10%~90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> 120 * 88 * 25 mm
Certification	<ul style="list-style-type: none"> FCC, CE, VCCI

Application



Ordering information

RP-110TMCS	10/100Base-T to 100Base-FX Media Connector, MM/SC
RP-110TMTS	10/100Base-T to 100Base-FX Media Connector, MM/ST
RP-110C15S	10/100Base-T to 100Base-FX Media Converter , 15Km
RP-110C30S	10/100Base-T to 100Base-FX Media Converter , 30Km

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Quality Link Connections

