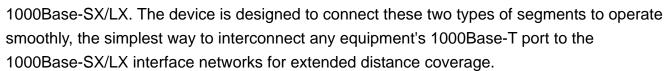## >> RP-1000SC

>> RP-1000C1

>> RP-1000C2

1000Base-T to 1000Base-SX/LX
Smart Gigabit Media Converter

The media converters support two types of media
for network connection such as 1000Base-T and
1000Base-SX/LX. The device is designed to connect these two types of segments to operate
smoothly, the simplest way to interconnect any equipment's 1000Base-T port to the
1000Base-SX/LX interface networks for extended distance coverage.

Feature

- Compliant with IEEE 802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet Standards
- Provides one 1000Base-T port, one 1000Base-SX/LX port supporting either multi-mode or single-mode fiber up to 20Km
- Supports Full Duplex and Auto-negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Provides Dip Switch to setting: Fiber (auto/manual), LLR (Enable/Disable)
- Provides 19" system chassis for up to 16-converter with Redundant Power Supply for optional expansion use

Management Features

- Supports LLCF (Link Loss Carry Forward, Link Pass Through)
- Supports LLR (Link Loss Return) for FX port
- Monitor the status of duplex/link for both media via management module MOD-MCSNMP through Media Converter hassis System (RP-MCR116)
- Set duplex force, LLCF on/off, LLR on/off for FX, ports on/off via the MOD-MCSNMP through RP-MCR116
- Provides link down source port information

Specification

Standards		• IEEE 802.3ab 1000Base-T • IEEE 802.3z 1000Base-SX • IEEE 802.3z 1000Base-LX
Media Support	1000Base-T	• 4 pair Cat.5, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100m
	1000Base-SX	• 62.5/125 μ m multi-mode fiber optic cable, up to 220m • 50/125 μ m multi-mode fiber optic cable, up to 550m
	1000Base-LX	• 62.5/125 μ m multi-mode fiber optic cable, up to 550m • 10/125 μ m single-mode fiber optic cable, up to 20km
Protocol		• CSMA/CD
Ports		• 1 * 1000Base-T with RJ-45 connector • 1 * 1000Base-SX/LX with SC connector
Data Transfer Rate		• 2000Mbps (Full Duplex)
Dip Switch		• Auto-negotiation or Manual for FX • LLR enable or disable for FX
LEDs Indicator		• Per unit: Power • Per port: Link/Activity
Power Supply		• External power Adapter DC 7.5V/1.5A • Consumption: 6W (max.)
Environment		• Operating Temperature: 0°C~40°C • Operating Humidity: 10%~90%
Dimension		• 120 * 88 * 25 mm
Certification		• FCC, CE

Ordering information

RP-1000SC	1000Base-T to SX Smart Gigabit Media Converter, MM/SC
RP-1000C1	1000Base-T to LX Smart Gigabit Media Converter, 10 Km
RP-1000C2	1000Base-T to LX Smart Gigabit Media Converter, 20 Km