SMI-1000 Gigabit Media Converters

1000Base-T to 1000Base-X Fiber Mode Conversion

- 1000Base-T to 1000Base-X Fiber Media Converters
- Extend network distances up to 160km
- **Manage via SNMP, CLI - Telnet/SSH, Internet browser**, or **PerleVIEW Central Management Platform**
- Advanced media converter features - Smart **Link Pass-Through**, Fiber Fault Alert, Auto-MDIX and Loopback

Perle's advanced line of **Managed Gigabit Media Converters**, provides transparent and reliable **Gigabit Ethernet to fiber connections**. While providing an economical means of extending your existing copper based network connection, these media converters are SNMP manageable to enable complete control and status viewing of your fiber links.

Perle Gigabit Managed Media Converters come standard with extensive cost and time saving features. In addition, a lifetime warranty and free worldwide technical support make Perle's Managed Gigabit to Fiber Converters the smart choice for IT professionals.

SMI-1000 Managed Gigabit Media Converter Features

Configuration Mode selection

Select whether to use the on-board DIP switches or the management software for mode selection

Converter Information

- User configurable converter name
- User configurable fiber port name
- User configurable copper port name
- Hardware revision number
- Firmware version number

DIP switch settings

View hardware DIP switch settings

Low power mode

If enabled it sets the Gigabit copper transceiver into “low power mode” which limits the strength of the signal. (for shorter cable lengths). Default is disabled

Port Control

Enable or disable individual fiber or copper port on the converter

Copper Port Status

- Port Enabled (Yes/No)
- Link Status (Up/Down)
- Auto Negotiation Settings (Disabled, Complete or In Progress)
- Resolved as crossover MDI or MDIX type

Fiber Port Status

- Port Enabled (Yes/No)
- Connector type (SC, LC, ST, SFP)
- Link Status (Up/Down)
- Far End Fault (OK, Failed)
- Fiber Loopback mode (On/Off)

Control

- Reset
- Reset to factory default
- Ability to specific read/write phy registers
- Update firmware
- Fiber Loopback mode (Yes/No)
- Upload/download configuration

Auto-Negotiation (802.3ab)

The media converter supports auto negotiation. The 1000Base-X fiber interface negotiates according to 802.3 clause 37. The 1000Base-T negotiates according to 802.3 clause 28 and 40. The 1000Base-X will link up with its partner after the highest common denominator (HCD) is reached and the copper has linked up with its partner. The 1000Base-X will continue to cycle through negotiation transmitting a remote fault of offline (provided this is enabled through the switch setting) until the copper is linked up and the HCDs match.

The media converter supports auto-negotiation of full duplex, half duplex, remote fault, full duplex pause, asymmetric pause and Auto MDI-X.

Auto-MDIX with Skew Correction

Auto-MDIX (automatic medium-dependant interface crossover) detects the signaling on the 1000Base-T interface to determine the type of cable connected (straight-through or crossover) and automatically configures the connection when enabled. The media converter can also correct for wires swapped within a pair.

The media converter will adjust for up to 64ns of delay skew between the 1000Base-T pairs.

Smart Link Pass-Through

When the Link Mode switch is placed into Smart Link Pass-Through mode, the 1000Base-T port will reflect the state of the 1000Base-X media converter port. This feature can be used whether fiber auto-negotiation is enabled or disabled.

Fiber Fault Alert

With Fiber Fault Alert the state of the 1000Base-X receiver is passed to the 1000Base-X transmitter. This provides fault notification to the partner device attached to the 1000Base-X interface of the media converter. If the 1000Base-X transmitter is off as a result of this fault it will be turned on periodically to allow the condition to clear should the partner device on the 1000Base-X be using a similar technique. This eliminates the possibility of lockouts that occur with some media converters. Applies only when fiber auto-negotiation is disabled.

Pause (IEEE 802.3x)

Pause signaling is an IEEE feature that temporarily suspends data transmission between two devices in the event that one of the devices becomes overwhelmed. The media converter supports pause negotiation on the 1000Base-T fiber connection and 1000Base-X fiber connection. Select Symmetrical, asymmetrical TX or asymmetrical RX

Duplex

Full and half duplex operation supported.

Jumbo Packets

Transparent to jumbo packets up to 10KB-default. Jumbo packet support can be disabled.

VLAN

Transparent to VLAN tagged packets. Default Jumbo packet can be disabled.

Remote Loopback

Capable of performing a loopback on the 1000Base-X fiber interface.

SMI-1000 Advanced Management Features

Enterprise and carrier-grade security is available through the support of strong authentication systems such as TACACS+, RADIUS and LDAP. Secure in-band access is assured via SNMPv3, SSH CLI and secure HTTPS Internet browser. This media converter also has many **NERC CIP** compliance features.

SNMP

- Full read/write capabilities via central SNMP servers and **PerleVIEW**
- Send SNMP traps (up to 4 servers)
- SNMPv3, V2C and V1
- SNMPv3 – encryption and authentication for both management and trap support
- RFC1213 MIB II
- Proprietary MIB provided

Telnet / SSH CLI access

In-band command line access via Telnet or **SSH application**

Internet Browser access

- Fast and intuitive graphical web interface for use with common internet browsers such Internet Explorer, Mozilla Firefox and Safari
- HTTP or secure HTTPS
- **PerleVIEW Central Management Platform**

Console port CLI access

Out-of-band command line access via Cisco compatible RJ45 serial console port using common “rolled” CAT5 cable.
Console port can be enabled (default) or disabled

Concurrent management sessions

Run multiple management sessions simultaneously for multiple users

Inactivity timeout

Protect secure management sessions by setting an inactivity timeout value

Alert event reporting

Alert level events are stored in the local event log and sent as:

- SNMP traps to up to 4 servers
- SYSLOG messages to a SYSLOG server
- Email to user defined email address

Advanced IP feature set

- IPV4 and IPV6 address support
- DHCP
- DNS
- Dynamic DNS
- NTP
- TFTP
- Telnet
- SSH V2 and V1
- HTTP
- HTTPS

Advanced Management User Authentication with primary and secondary server support

- TACACS+
- RADIUS
- LDAP
- Active Directory via LDAP
- RSA Secure ID-agent or via RADIUS authentification
- Kerberos
- NIS

Advanced Management User Authorization and Accounting

- TACACS+
- RADIUS

Encryption

- AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2)
- Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96
- Key exchange: RSA, EDH-RSA, EDH-DSS, ADH
- X.509 Certificate verification: RSA, DSA

Access Control List

An access control list can be created which can filter out only those workstations that are authorized to access the management resources. Filter on IP and/or Ethernet MAC addresses

Network Services Filter

Enable only those network services on the management module that are allowed on your network (Telnet, SSH, HTTP, HTTPS, SNMP)

Firmware download

Update the latest level firmware for management and media converter modules via TFTP or **PerleVIEW**

Specifications				
Lifetime limited warranty	**Reach, RoHS and WEEE Compliant**	**HTSUS Number:** 8517.62.0020	**UNSPSC Code:** 43201553	**ECCN:** 5A992

CCATS Number:
G134373

Media Converter Module Indicators	
Power / TST	This green LED is turned on when power is applied to the media converter. Otherwise it is off. The LED will blink when in Loopback test mode.
Fiber link on / Receive activity (LKF)	This green LED is operational only when power is applied. The LED is on when the 1000Base-X link is on and flashes with a 50% duty cycle when data is received. The LED will slow blink when the 1000Base-X interface has been taken down as a result of a fault on the 1000Base-T interface.
Copper link on / Receive activity (LKC)	This green LED is operational only when power is applied. The LED is on when the 1000Base-T link is on and flashes with a 50% duty cycle when data is received. The LED will slow blink when the 1000Base-T interface has been taken down as a result of a fault on the 1000Base-T interface.
Management Module Indicators / reset	
Power	• Blinking green during startup cycle Steady green: module has power and is ready • Red : error
ALM	Red alarm indicator activated when an alert event occurs
LKC	Green indicator indicating an active Ethernet link. Blinking indicates RX and TX of data

100/1000	• Green - 1000 Mbps link • Yellow - 100 Mbps link • Off - 10 Mbps or no Link
Reset button	Recessed pinhole button resets module
Connectors	
1000Base-T	• RJ45 connector, 4 pair CAT5 UTP cable or better • Magnetic Isolation - 1.5kv
Management ethernet port	• 10/100/1000Base-T - RJ45 • Auto- MDI/MDIX
Management console port	RS232 Serial RJ45 - Cisco pinout for use with standard CAT5 *"rolled cable"* (crossover) 9600 to 115k bps 7/8 bits Odd,even, no parity 1/2 stop bits Hardware/software flow control DCD/DSR monitoring
Packet Transmission Characteristics	
Bit Error Rate (BER)	$<10^{-12}$
Switches: accessible through a side opening in the chassis	
Auto-Negotiation	• *Enabled (Default - Up)* - In this mode the 1000Base-X and the 1000Base-T will negotiate to the HCD of the two link partners. The 1000Base-X will link up after the negotiation is completed and the 1000Base-T has linked up. • *Disabled* - The 1000Base-X will not use auto negotiation. The 1000Base-T will negotiate to the HCD of the Switch settings and the link partner.

Link Mode	Link Mode provides a transparency to the state of the copper link allowing for simplified trouble shooting from the devices connected to the media converter. With Fiber Auto Negotiation enabled when the 1000Base-T link goes down the 1000Base-X link is brought down. The 1000Base-X link will advertise Remote Fault (Link Fault). With Fiber Auto Negotiation disabled the state of the 1000Base-T link has no effect on the 1000Base-X link. *Smart Link Pass Through (Down)* With Fiber Auto Negotiation enabled the behavior is as follows. When the 1000Base-T link goes down the 1000Base-X link is brought down. The 1000Base-X link will advertise Remote Fault (Link Fault). When Remote Fault (Link Fault) is received on the 1000Base-X interface the 1000Base-T transmitter will be turned off. When the 1000Base-T receiver is off the 1000Base-X transmitter will be turned off. When the 1000Base-X receiver goes off the 1000Base-T transmitter will be turned off. With Fiber Auto-Negotiation disabled the behavior is as follows. When the 1000Base-T receiver is off the 1000Base-X transmitter will be turned off. When the 1000Base-X receiver goes off the 1000Base-T transmitter will be turned off.
Pause	When Fiber Auto Negotiation is disabled Pause should only be enabled when all devices connected to the media converter support pause. • *Enabled (Default)* - The Media converter will advertise Pause capable, Asymmetric pause not needed during Auto-Negotiation. • *Disabled* - The Media converter will advertise that it does not have Pause capability during Auto-Negotiation.
Fiber Fault Alert	The Fiber Fault Alert switch has meaning when Auto-Negotiation is disabled • *Enabled (Default - Up)* - When the 1000Base-X receiver is off the 1000Base-X transmitter is turned off. Periodically the 1000Base-X receiver will be turned on for a short period to allow the condition to clear if the 1000Base-X link partner is using a similar feature. • *Disabled (Down)*

Duplex	• *Full (Default-Up)* - The media converter will advertise Full Duplex Capable, Half Duplex Capable. • *AUTO (Down)* - The media converter will advertise Full Duplex Not Capable, Half Duplex Capable.
Remote Loopback	The media converter can perform a loopback on the 1000Base-X fiber interface. • *Disabled (Default - Up)* • *Enabled* - The 1000Base-X receiver is looped to the 1000Base-X transmitter. The 1000Base-T transmitter is taken off the interface.
Power	
Input Supply Voltage	(12 vDC Nominal)
Current	0.42amps at 12vdc
Power Consumption	4.98watts
Power Connector	5.5mm x 9.5mm x 2.1mm barrel socket
Power Adapter	
Universal AC/DC Adapter	100-240v AC, regulated DC adapter included
Environmental Specifications	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	minimum range of -25°C to 70°C (-13°F to 158°F)
Operating Humidity	5% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Operating Altitude	Up to 3,048 meters (10,000 feet)
Heat Output (BTU/HR)	17

MTBF (Hours)	• 248,259 Hours without power adapter • 169,698 Hours with power adapter *Calculation model based on MIL-HDBK-217-FN2 @ 30°C*
Chassis	Metal with an IP20 ingress protection rating
Mounting	
Din Rail Kit	Optional
Wall / Rack Mount Kit	Optional
Product Weight and Dimensions	
Weight	0.722 kg
Dimensions	175 x 145 x 23 mm
Packaging	
Shipping Weight	1.2 kg
Shipping Dimensions	300 x 200 x 70 mm
Regulatory Approvals	
Emissions	• FCC Part 15 Class A, EN55022 Class A • CISPR 22 Class A • CISPR 32:2015/EN 55032:2015 (Class A) • CISPR 35/EN 55035 • EN61000-3-2
Immunity	EN55024
Electrical Safety	• UL/EN/IEC 62368-1 • CAN/CSA C22.2 No. 62368-1 • UL 60950-1 • IEC 60950-1(ed 2); am1, am2 • EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 • CE

Laser Safety	• EN 60825-1 • Fiber optic transmitters on this device meet Class 1 Laser safety requirements per IEC-60825 FDA/CDRH standards and comply with 21CFR1040.10 and 21CFR1040.11.

Product List

SMI-1000-M2SC05 - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-SX 850nm multimode (SC) [550 m/1804 ft]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070004	05070001	05070002	05070005	05070006	05070008

SMI-1000-M2ST05 - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-SX 850nm multimode (ST) [550 m/1804 ft]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070014	05070011	05070012	05070015	05070016	05070018

SMI-1000-M2LC05 - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-SX 850nm multimode (LC) [550 m/1804 ft]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070024	05070021	05070022	05070025	05070026	05070028

SMI-1000-S2SC10 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX/LH 1310 nm single mode (SC) [10 km/6.2 miles] or multimode (SC) [550 m/1804 ft] using a mode conditioning cable

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070034	05070031	05070032	05070035	05070036	05070038

SMI-1000-S2ST10 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX/LH 1310 nm single mode (ST) [10 km/6.2 miles] or multimode (ST) [550 m/1804 ft] using a mode conditioning cable

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070044	05070041	05070042	05070045	05070046	05070048

SMI-1000-S2LC10 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX/LH 1310 nm single mode (LC) [10 km/6.2 miles] or multimode (LC) [550 m/1804 ft] using a mode conditioning cable

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070054	05070051	05070052	05070055	05070056	05070058

SMI-1000-S2SC40 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EX 1310 nm single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070064	05070061	05070062	05070065	05070066	05070068

SMI-1000-S2ST40 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EX 1310 nm single mode (ST) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070074	05070071	05070072	05070075	05070076	05070078

SMI-1000-S2LC40 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EX 1310 nm single mode (LC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070084	05070081	05070082	05070085	05070086	05070088

SMI-1000-S2SC70 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (SC) [70 km/43.5 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070094	05070091	05070092	05070095	05070096	05070098

SMI-1000-S2ST70 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (ST) [70 km/43.5 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070104	05070101	05070102	05070105	05070106	05070108

SMI-1000-S2LC70 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (LC) [70 km/43.5 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070114	05070111	05070112	05070115	05070116	05070118

SMI-1000-S2SC120 - Gigabit Ethernet Standalone IP Managed Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EZX 1550 nm single mode (SC) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070124	05070121	05070122	05070125	05070126	05070128

SMI-1000-S2ST120 - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EZX 1550 nm single mode (ST) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070134	05070131	05070132	05070135	05070136	05070138

SMI-1000-S2LC120 - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-EZX 1550 nm single mode (LC) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070144	05070141	05070142	05070145	05070146	05070148

SMI-1000-S1SC10U - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1310nm TX / 1490nm RX single fiber single mode (SC) [10 km/6.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070154	05070151	05070152	05070155	05070156	05070158

SMI-1000-S1SC10D - Gigabit Ethernet Standalone IP Managed Media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1490nm TX / 1310nm RX single fiber single mode (SC) [10 km/6.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070164	05070161	05070162	05070165	05070166	05070168

SMI-1000-S2SC160 - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (SC) [160 km/100 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070184	05070181	05070182	05070185	05070186	05070188

SMI-1000-S2ST160 - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (ST) [160 km/100 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070194	05070191	05070192	05070195	05070196	05070198

SMI-1000-S2LC160 - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-ZX 1550 nm single mode (LC) [160 km/100 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070204	05070201	05070202	05070205	05070206	05070208

SMI-1000-S1SC20U - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1310nm TX / 1490nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070214	05070211	05070212	05070215	05070216	05070218

SMI-1000-S1SC20D - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1490nm TX / 1310nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070224	05070221	05070222	05070225	05070226	05070228

SMI-1000-S1SC40U - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1310nm TX / 1490nm RX single fiber single mode (SC) [40 km/25 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070234	05070231	05070232	05070235	05070236	05070238

SMI-1000-S1SC40D - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1490nm TX / 1310nm RX single fiber single mode (SC) [40 km/25 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070244	05070241	05070242	05070245	05070246	05070248

SMI-1000-S1SC80U - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1510nm TX / 1590nm RX single fiber single mode (SC) [80 km/50 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070254	05070251	05070252	05070255	05070256	05070258

SMI-1000-S1SC80D - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1590nm TX / 1510nm RX single fiber single mode (SC) [80 km/50miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070264	05070261	05070262	05070265	05070266	05070268

SMI-1000-S1SC120U - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1510nm TX / 1590nm RX single fiber single mode (SC) [120 km/75 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070274	05070271	05070272	05070275	05070276	05070278

SMI-1000-S1SC120D - Gigabit Ethernet IP Managed Standalone media Converter.
1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1590nm TX / 1510nm RX single fiber single mode (SC) [120 km/75miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070284	05070281	05070282	05070285	05070286	05070288

SMI-1000-M2SC2 - Gigabit Ethernet IP Managed Standalone Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX 1310nm Extended multimode (SC) [2km /6562 ft.]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070494	05070491	05070492	05070495	05070496	05070498

SMI-1000-M2ST2 - Gigabit Ethernet IP Managed Standalone Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX 1310nm Extended multimode (ST) [2km /6562 ft.]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070504	05070501	05070502	05070505	05070506	05070508

SMI-1000-M2LC2 - Gigabit Ethernet IP Managed Standalone Media Converter. 1000Base-T (RJ-45) [100 m/328 ft.] to 1000Base-LX 1310nm Extended multimode (LC) [2km /6562 ft.]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070514	05070511	05070512	05070515	05070516	05070518

SMI-1000-M1SC05D - Gigabit Ethernet IP Managed Media Converter. 1000BASE-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1550nm TX / 1310nm RX single fiber multimode (SC) [550 m/1804 ft]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071244	05071241	05071242	05071245	05071246	05071248

SMI-1000-M1SC05U - Gigabit Ethernet IP Managed Media Converter. 1000BASE-T (RJ-45) [100 m/328 ft.] to 1000Base-BX 1310nm TX / 1550nm RX single fiber multimode (SC) [550 m/1804 ft]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071234	05071231	05071232	05071235	05071236	05071238

Related Accessories

Accessories

DIN Rail Mounting Kit for 4 & 8 port IOLAN desktop models, all Stand-Alone Media Converters and all Stand-alone Ethernet Extenders. Two of these brackets are required for the 8 port STS8-D model.

04030840

Standalone media converter wall / rack mount bracket

05059999

Power Supplies

UK 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031581

EU 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031582

USA 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031584

Australia 12VDC / 12W power adapter with Barrel connector for Perle Device Servers, Media Converters, and Ethernet

04031586