SMI-110 Fast Ethernet Standalone
10/100Base-T to 100Base-X Conversion

- 10/100Base-TX to 100Base-X Fiber Media Converters
- Extend network distances up to 120km
- SC, LC and ST Media Converters
- Advanced Features: **Link Pass-Through**, Far-End Fault, Auto-MDIX
- **Manage via SNMP, CLI - Telnet/SSH, Internet browser**, or **PerleVIEW Central Management Platform**

Perle's advanced line of **Managed 10/100 Ethernet Media Converters,** transparently connect UTP ethernet copper to multimode or single mode fiber. 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 10/100 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 10/100 Ethernet Converters the smart choice for IT professionals.

SMI-110 Managed Fast Ethernet Media Converter Features

QOS (Quality of Service)

- Bandwidth Allocation via rate limiting
- IEEE 802.1P tagged frame priority control
- IEEE 802.1P priority tag remapping
- IP TOS (Type of Service) priority for IPV4 Diffserv or IPV6 traffic class frames
- Congestion Service Policy through WQF (Weighted Fair Queuing) or Strict Priority Queuing (default)

VLAN Tagging

- Default – Transparent to VLAN frames
- Enable discarding of tagged frames
- Enable discarding of untagged frames
- Untag – Removes any existing tag
- Insert Tag – Insert (if original frame is untagged) or replace (if original frame is tagged) the VLAN ID and priority with the configured default VLAN ID and priority tag.
- Insert Double tag (Q in Q) – Append an additional tag using the configured default VLAN ID and priority.

Unknown Multicast Frame filtering

When enabled, Multicast frames with an unknown destination address are not allowed to egress the port

Unknown Unicast Frame filtering

When enabled, Unicast frames with an unknown destination address are not allowed to egress the port

Unidirectional Ethernet

When enabled, provides the ability to restrict port to one-way traffic flow. Used in applications such as unidirectional video broadcasting as well as providing security for ethernet connections in accessible public areas

Configuration Mode selection

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

Auto-MDIX

Can manually set Auto or MDIX on the copper port via on-board strap or via the management software. Auto-MDIX (automatic medium-dependant interface crossover) detects the signaling on the UTP interface to determine the type of cable connected (straight-through or crossover) and automatically configures the connection when enabled. With Auto-MDIX enabled, either a straight-through or crossover type cable can be used to connect the media converter to the device on the other end of the cable.

Converter Information

- User configurable media 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

Selectable Max Packet Size

Set max packet size to 1522, 1518 or 2048 (default)

10BaseT Extended Distance

Normal/extended – default Normal. By configuring as "extended", the 10baseT receiver sensitivity is increased providing the possibility of a 10BaseT connection greater than 100m.

Port Control

Enable or disable individual fiber or copper port on the module

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)
- Link Status (Up/Down)
- Far End Fault (OK, Failed)
- Fiber Loopback mode (On/Off)

Control

- Reset
- Reset to factory default
- Reset Statistical counters
- Phy specific commands such write/read config, read dip switches
- Update firmware
- Fiber Loopback mode. (On/Off)
- Upload/download configuration

Detailed port statistics

To assist in troubleshooting copper and fiber links, an extensive list of ingress and egress counters for both copper and fiber ports are available. These statistics can be viewed locally via the management module or from a central SNMP NMS on the network

Auto-Negotiation (802.3u)

The media converter supports auto negotiation on the 10/100Base-TX interface.

Link Pass-Through

With Link Pass-Through the state of the UTP receiver is passed to the fiber transmitter to make the media converter appear transparent to the end devices that are connected. In addition if Far-End Fault is enabled the media converter can turn off the 10/100Base-TX transmitter when a FAR-End Fault is received.

Using Link Pass-Through with Far-End Fault minimizes data loss when a fault occurs. Should a fault occur, the end devices have the indication of a failure available to them making trouble shooting easier.

Far-End Fault (FEF)

The media converter implements the 802.3 standard for Far-End Fault for the indication and detection of remote fault conditions on the 100Base-X fiber connection. With Far-End Fault enabled the media converter transmits the Far-End Fault Indication over the 100Base-X fiber connection whenever a receive failure is detected on the 100Base-X fiber connection. The media converter continuously monitors the100Base-X fiber connection for a valid signal.

The action the media converter takes on receiving a Far-End Fault Indication is dependent on the Link Pass-Through switch setting.

Pause (IEEE 802.3xy)

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 10/100Base-TX copper connection.

Remote Loopback

The media converter is capable of performing a loopback on the fiber port.

SMI-1110 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 100Base-FX link is on and flashes with a 50% duty cycle when data is received.
Copper link on / Receive activity (LKC)	This green LED is operational only when power is applied. The LED is on when the 100Base-TX link is on and flashes with a 50% duty cycle when data is received.
Fiber Duplex (FDF)	This green LED is operational only when power is applied. The LED is on when the 100Base-FX link is operational in full duplex mode. The LED is off when in half duplex.
Copper Duplex (FDC)	This green LED is operational only when power is applied. The LED is on when the 10/100Base-TX link is operational in full duplex mode. The LED is off when in half duplex.
10/100 Speed	This green LED is operational only when power is applied. The LED is on when the speed of the copper Ethernet port is running at 100 MBPS. The LED is off when in 10 MBPS
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	
100Base-TX	• RJ45 connector, 2 pair CAT 5, EIA/TIA 568A/B or better cable • Magnetic Isolation - 1.5kv

Fiber Optic Cable	- Multimode: 62.5 / 125, 50/125, 85/125, 100/140 micron - Single Mode: 9/125 micron (ITU-T 625)
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

Filtering	
Filtering	1024 MAC Addresses

Frame Specifications	
Buffer	512 Kbits frame buffer memory
Size	Maximum frame size of 2048 bytes

Switches - accessible through a side opening in the chassis	
Auto-Negotiation (802.3u)	*Enabled (Default)* - The media converter uses 802.3u Auto-negotiation on the 100Base-TX interface. It is set to advertise full duplex. *Disabled* - The media converter sets the port according to the position of the speed and duplex switches.
Link Pass Through	*Enabled (Default)* - When the state of the receiver is changed on the 100Base-TX interface it is reflected on the 100Base-FX fiber transmitter. When the state of the receiver on the 100Base-FX interface is changed it is reflected on the 100Base-TX transmitter. - When a Far-End Fault Indication is received on the fiber interface the 100Base-TX transmitter is turned off. When the Far-End Fault Indication is cleared the transmitter is turned back on. *Disabled* - The 100Base-TX and the 100Base-FX fiber interface operate independently. Far-End Fault indication on the 100Base-FX fiber interface has no effect on the 100Base-TX interface.

Far-End Fault (FEF)	• *Enabled (Default)* - The media converter transmits the Far-End Fault Indication over the 100Base-X fiber connection whenever a receive failure is detected on the 100Base-X fiber connection. The media converter continuously monitors the100Base-X fiber connection and clears the Far-End Fault Indication condition when a valid signal is received. • *Disabled* - Far-End Fault Indications are not transmitted regardless of the condition of the receive signal on the 100Base-FX fiber connection.
Remote Loopback	The media converter can perform a loopback on the 100Base-X fiber interface. • *Disabled (Default - Up)* • *Enabled* - The 100Base-X receiver is looped to the 100Base-X transmitter. The 100Base-TX transmitter is taken off the interface.
Auto-MDIX (Strap)	If Auto-Negotiation (802.3u) is enabled, the media converter uses the HP Auto-MDIX method for the 100Base-TX interface. If Auto-Negotiation (802.3u) is disabled the Media converter will use the RX Energy method on the 100Base-TX interface to set the port MDI or MDIX whichever is appropriate. • *Enabled (Default)* - Either a straight-through or crossover type cable can be used to connect the media converter to the device on the other end of the cable. • Disabled - If the partner device on the other end of the cable does not have the Auto-MDIX feature a specific cable, either a straight-through or crossover will be required to ensure that the media converter's transmitter and the partner devices transmitter are connected to the others receiver. The Media converter's 100Base-TX port is configured as MDI-X with this switch setting.
Speed Copper	• 100 (Default) • 10
Duplex Copper	• Full (Default) • Half
Duplex Fiber	• Full (Default) • Half

Power	
Input Supply Voltage	(12 vDC Nominal)
Current	0.34amps at 12vdc
Power Consumption	4.1watts
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)	14
MTBF (Hours)*	• 246,403 Hours without power adaptor • 168,829 Hours with power adaptor *Calculation model based on MIL-HDBK-217-FN2 @ 30°C*
Chassis	Metal with an IP20 ingress protection rating
Mounting	
Din Rail Kit	Optional
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 B**, EN55022 Class B** • CISPR 22 Class B** • 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.

** When used with a Class B rated AC power adapter.

Product List

SMI-110-M2SC2 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070904	05070901	05070902	05070905	05070906	05070908

SMI-110-M2ST2 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070914	05070911	05070912	05070915	05070916	05070918

SMI-110-M2LC2 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-FX 1310nm multimode (LC) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070924	05070921	05070922	05070925	05070926	05070928

SMI-110-S2SC20 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070934	05070931	05070932	05070935	05070936	05070938

SMI-110-S2ST20 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter.
10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070944	05070941	05070942	05070945	05070946	05070948

SMI-110-S2LC20 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter.
10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-LX 1310nm single mode (LC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070954	05070951	05070952	05070955	05070956	05070958

SMI-110-S2SC40 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter.
10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070964	05070961	05070962	05070965	05070966	05070968

SMI-110-S2ST40 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter.
10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (ST) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070974	05070971	05070972	05070975	05070976	05070978

SMI-110-S2LC40 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter.
10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-EX 1310nm single mode (LC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070984	05070981	05070982	05070985	05070986	05070988

SMI-110-S2SC80 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (SC) [80 km/49.7 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05070994	05070991	05070992	05070995	05070996	05070998

SMI-110-S2ST80 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (ST) [80 km/49.7 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071004	05071001	05071002	05071005	05071006	05071008

SMI-110-S2LC80 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (LC) [80 km/49.7 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071014	05071011	05071012	05071015	05071016	05071018

SMI-110-S2SC120 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (SC) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071024	05071021	05071022	05071025	05071026	05071028

SMI-110-S2ST120 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (ST) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071034	05071031	05071032	05071035	05071036	05071038

SMI-110-S2LC120 - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-ZX 1550nm single mode (LC) [120 km/74.6 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071044	05071041	05071042	05071045	05071046	05071048

SMI-110-S1SC20U - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-BX 1310nm TX / 1550nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071054	05071051	05071052	05071055	05071056	05071058

SMI-110-S1SC20D - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-BX 1550nm TX / 1310nm RX single fiber single mode (SC) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071064	05071061	05071062	05071065	05071066	05071068

SMI-110-S1SC40U - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-BX 1310nm TX / 1550nm RX single fiber single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071074	05071071	05071072	05071075	05071076	05071078

SMI-110-S1SC40D - 10/100 Fast Ethernet Standalone IP Managed Media and Rate Converter. 10/100Base-TX (RJ-45) [100 m/328 ft.] to 100Base-BX 1550nm TX / 1310nm RX single fiber single mode (SC) [40 km/24.9 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071084	05071081	05071082	05071085	05071086	05071088

SMI-110-M1SC2D - 10/100 Fast Ethernet IP Managed Media and Rate Converter.

10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071224	05071221	05071222	05071225	05071226	05071228

SMI-110-M1SC2U - 10/100 Fast Ethernet IP Managed Media and Rate Converter.

10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber multimode (SC) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071214	05071211	05071212	05071215	05071216	05071218

SMI-110-M1ST2U - 10/100 Fast Ethernet IP Managed Media and Rate Converter.

10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071334	05071331	05071332	05071335	05071336	05071338

SMI-110-M1ST2D - 10/100 Fast Ethernet IP Managed Media and Rate Converter.

10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber multimode (ST) [2 km/1.2 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071344	05071341	05071342	05071345	05071346	05071348

SMI-110-S1ST20U - 10/100 Fast Ethernet IP Managed Media and Rate Converter.

10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1310nm TX / 1550nm RX single fiber single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071324	05071321	05071322	05071325	05071326	05071328

SMI-110-S1ST20D - 10/100 Fast Ethernet IP Managed Media and Rate Converter.
10/100BASE-TX (RJ-45) [100 m/328 ft.] to 100BASE-BX 1550nm TX / 1310nm RX single fiber single mode (ST) [20 km/12.4 miles]

Power Cord & Part Number(s)

USA	UK	EU	SA	AUS	None
05071314	05071311	05071312	05071315	05071316	05071318

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