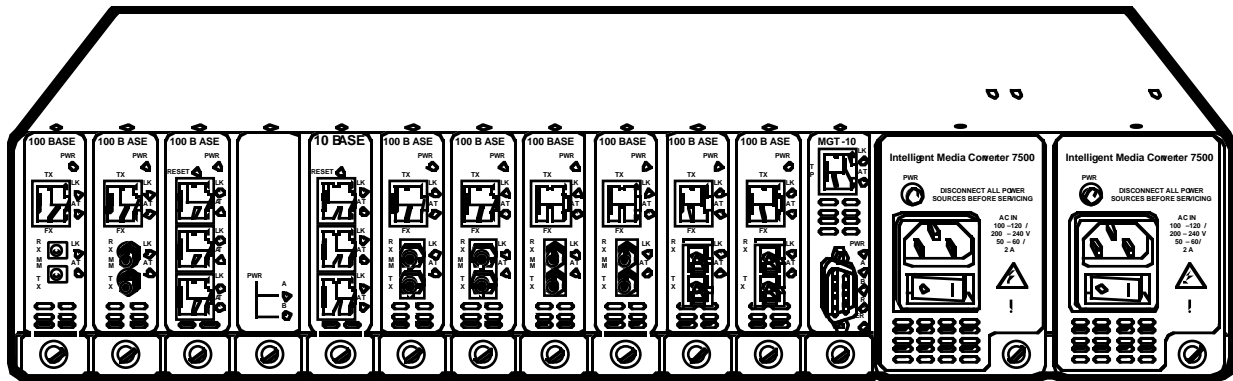


BLACK BOX[®]

NETWORK SERVICES

INTELLIGENT MEDIA CONVERTERS



Remote management commonly used by your managed hubs and switches is now available for your mixed-media connections.

Key Features

- ▶ **Converts between twisted pair and fibreoptic network segments at 10 or 100 Mbps.**
- ▶ **Choose 12- or 17-slot chassis with one or two power supplies.**
- ▶ **Front-loaded, hot-swappable management and media converter modules.**
- ▶ **Remote monitoring and troubleshooting via NETBEACON and SNMP software.**

Comprehensive media-converter management is yours with the Intelligent Media Converters.

First, choose a Converter chassis with 12- or 17-slots and one or two power supplies. Add a management module. Then, mix and match media modules to suit your configuration.

The media modules function transparently and let you integrate coax, Category 3, 4, or 5 twisted pair, and single-mode or multimode fibreoptic LAN segments into either switched or shared Ethernet and Fast Ethernet environments.

The Intelligent Media Converter supports functional, operational, and environmental monitoring and management of the physical layer. Via NetBeacon software, your network manager

can access each device remotely, adjust operating parameters quickly, and even switch hardware settings across the network instead of having to make multiple trips to the wiring closet. And NetBeacon instantly alerts you to conditions affecting network performance. The same remote management capabilities used in your managed hubs and switches are now available for your mixed-media connections.

Extensive realtime and historical graphing of MIB II and specific enterprise MIB statistics—plus customizable alarm thresholds and notification procedures—enable early problem identification, fast fault isolation, and pro-active management to prevent problems before they occur.

NetBeacon software runs in standalone mode on any standard Windows PC, or it can be launched from HP OpenView. An SNMP agent embedded in the management module communicates with the NetBeacon software to provide management statistics, control functions, and alert network administrators to alarm conditions.

All configuration changes made to any connectivity card in the chassis are stored in the management module. If you replace a module, those parameters will be automatically downloaded to the new module.

Specifications

Chassis:

Connectors —

LE7500A-12, LE7500A-17:
 (1) IEC 320 for power;
 LE7500A-12P, LE7500A-16:
 (2) IEC 320 for power

Compliance —

IEEE 802.3/IEEE 802.3u

Temperature —

Operating: 0 to 50°C;
 Storage: -30 to 70°C

Humidity — 5 to 95%

Safety and EMC — FCC, UL, CE,
 TUV, C-UL

Power — 100–120 VAC/
 200–240 VAC, 50–60 Hz, 2A

Size — 8.9 x 43.2 x 38.1 cm

Weight —

LE7500A-12: 6.6 kg; LE7500A-12P:
 7.9 kg; LE7500A-17: 6.2 kg;
 LE7500A-16: 7.2 kg

Modules:

Connectors —

10-Mbps modules:
 10BASE-T: RJ-45;
 ThinNet: BNC;
 Fiber: (1) pair of ST® or
 SC, single- or multimode;
 100-Mbps modules:
 10/100BASE-T: RJ-45;
 Fiber: (1) pair of ST or
 SC, single- or multimode

Indicators — Per port LED: Activity

Power — From the chassis

Management's easy via NetBeacon software.

- Java-based Graphical User Interface (GUI).
- Management interface has the "look and feel" of the enterprise management software that network managers are used to working with.
- Allows you to save separate management profiles for different users and levels of management staff.

Ordering Information

ITEM	CODE
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Intelligent Media Converter Chassis

12-slot

Single Power SupplyLE7500A-12
 Dual Power Supply.....LE7500A-12P

17-slot

Single Power SupplyLE7500A-17
 Dual Power Supply.....LE7500A-16P

To add management capabilities, order...

Management Module

with Single Ethernet InterfaceLE7501A

Choose redundant modules for your 100-Mbps conversion requirements...

100-Mbps TX

to Dual TXLH7731A-RTX
 to Dual FX/MM-SCLH7731A-RFXSC
 to Dual FX/SM-SC.....LH7731A-RFXSCSM
 to Dual FX/MM-STLH7731A-RFXST
 to Dual FX/SM-STLH7731A-RFXSTSM

...and select modules for each of your 10BASE-T conversion requirements...

10-Mbps TP

to ThinNet Coax BNC.....LE7111A-BNC
 to FL/MM-SCLE7111A-FST
 to FL/MM-STLE7111A-FSC
 to FL/SM-STLE7111A-SFST

10-Mbps TP

to FL/MM-SMALE7111A-FSMA
 to Dual TPLE7111A-TP

100-Mbps TX to 100BASE-FX

Multimode-SC.....LH7131A-SC
 Single-Mode-SC.....LH7131A-SMSC
 Multimode-STLH7131A-ST
 Single-Mode-STLH7131A-SMST
 Single-Mode-ST (up to 40 km
 [24.9 miles] full-duplex).....LH7131A-PSC

100-Mbps TX to 100BASE-SX

Multimode-SCLH7131A-SXSC
 Multimode-ST.....LH7131A-SXST

100-Mbps FX to 100BASE-FX

Multimode-SC/SC.....LH7131A-SCSC
 Multimode-SC/STLH7131A-SCST
 Single-Mode-ST/SC.....LH7131A-STSC
 Single-Mode-ST/STLH7131A-STST

Remember to order cable:

Category 5 Solid-Conductor Cable, 4-Pair,
 Straight-Pinned, PVC, 10-ft. (3.0-m)EYN737MS-0010