



POLONIX M-Plus

Data Sheet

Polonix M-Plus MTDE provides:

- Cost-effective means to upgrade legacy systems
- Emulation of any SCSI mass-storage device
- Original functionality with no reconfiguration
- Easy installation and repair with modular design
- Increased resistance to external damage



Polonix Corporation

7 Capella Court
Ottawa, Ontario, Canada
K2E 7X1

Tel. (613) 224-7264
Email: info@polonix.com
www.polonix.com

M-Plus Magnetic Tape Drive Emulators

Upgrade legacy systems cost-effectively

The M-Plus series of Magnetic Tape Drive Emulators replaces legacy external mass-storage devices with a robust and reliable interface to modern data networks. By emulating failure-prone mechanical tape drives, streamers, DAT drives, and magneto-optical drives with purely electronic equipment, data mobility and availability is increased while improving its resistance to outside sources of damage.

Employ industry standard RAID schemes

Instead of storing information on physical media, M-Plus devices forward the information to a supervising computer running dedicated software. The supervising computer can then employ industry standard RAID schemes for data redundancy and backup. No physical media needs to be unloaded from a machine and taken to a processing/archive facility.

Upgradeable firmware for increased flexibility

M-Plus devices retain all functions of the emulated device to ensure the full functionality of the original system without any reconfiguration. Any SCSI mass-storage device can be emulated. M-Plus emulators utilize upgradeable universal hardware, making certain that any system that uses a SCSI interface, but has not yet been emulated, may be integrated.

Polonix MTDE Specifications

Polonix M-Plus devices are optimized for telecom switches such as Siemens EWSD, and Alcatel E10B and E10B MM. The MTDE also has the capability of connecting to Lucent Technologies 5ESS and Alcatel S12J switches. Other devices can be connected with M-Plus' universal hardware.

Polonix M-PLUS MTDE	
Input Interface	SCSI II (IDC50, 2MB/s) RS232C (DIN-8, 115 kB/s)
Output Interface	Ethernet (RJ45, 10 Mbit) LPT (25-pin HDSUB, 300 kB/s, EPP1.9)
Compatible Telecom Switches	Siemens EWSD, Alcatel E10B, E10B MM, S12J Lucent 5ESS
Upgradeable Firmware	Yes
Power Supply	+12VDC, +5VDC (4-Pin Molex Type)
Power Consumption	8W
Operating Environment	0°C to +40°C (+32°F to +104°F)
Dimensions (W x H x D)	90% RH, Non-Condensing
Product Code	3101-TE1 EWSD (Siemens EWSD Version) 3101-TE1 E10B (Alcatel E10B Version) 3101-TE1 S12 (Alcatel S12 Version) 3101-TE1 5ESS (Lucent 5ESS Version)



Accessories

Because of its flexible nature, there are many different mounting and integration possibilities for the M-Plus MTDE. Below is a list of available accessories to aid in incorporating the M-Plus MTDE into your existing application. At Polonix, we are eager to ensure that we have a solution for your specific application. If a particular mounting configuration is not advertised, please contact us and we can find a solution for your needs.

MOUNTING ACCESSORIES	CODE
19" Cabinet Mounting Kit	3101-MNT 19
Half-Height 5.25" Drive Bay Mounting Kit	3101-MNT 525
Siemens EWSD Mounting Kit	3101-MNT EWSD

POWER SUPPLIES	CODE
120VAC Power Supply	3101-PS 120AC
230VAC Power Supply	3101-PS 230AC
48VDC Power Supply	3101-PS 48DC



Polonix M-Plus MTDE pictured with Half-Height 5.25" Drive Bay Mounting Kit