



Digital Storage Solutions
a division of Bluewater Systems

■ DDS-XM100 series high capacity digital data storage

The DDS-XM100 is a modern, solid-state data storage unit designed specifically to replace out-dated magnetic tape and cartridge storage systems such as those used within legacy telephony switching systems. Offering unrivaled ease of use and cost effectiveness, the DDS-XM100 series can be configured to deliver up to 48GB of solid state storage and connect to a wide range of legacy devices via standard SCSI, Pertec or Kennedy interface.

Cost Effectively Extend the Lifespan of Legacy Systems with Plug and Play Ease

The DDS-XM100 series delivers a cost effective solution for extending the operational life of systems such as telephone exchanges. Often the first aspect of these systems to fail is the mechanical data storage or backup components that form a vital part of the overall system. With parts and media for these components becoming harder to source, the DDS-XM100 provides a plug and play replacement that can be installed without the need for any system changes. Easy to use menus then allow the user to configure the operation of the device and ensure that data integrity is maintained.

Utilise Modern, Reliable Solid State Storage

Flash media is significantly more reliable than magnetic or optical media. This is the result of no moving parts being involved with the writing or reading of data. In addition it is much smaller than historical media such as spool tapes, making the media easier to store and transport. By allowing users to store data on modern SD cards, the DDS-XM100 allows users to securely archive and transport data.

Easy Remote Access and Archiving of Your Data

By using the DDS-XM100 your current data and any data archives will be more accessible than ever before. Whilst data is always saved to the internal memory of the device, it can also be easily accessed and backed up via either SD card, USB or via Ethernet. By using the network functionality of the unit, data records from multiple locations or systems can be easily accessed and processed at a single location such as a billing centre.

The DDS-XM100 series can be used with virtually any system that uses a SCSI or Pertec backup / storage device. Delivering simple menu driven options, the unit can be quickly configured to provide a drop in replacement for storage units within legacy solutions such as NEC, Alcatel, Siemens and other telephone switching equipment. The unit stores all data in internal flash memory and enables this data to be copied externally via a standard SD card memory card or via ethernet over a network.



technology for storing today's data

DDS-XM100 series

high capacity digital data storage

DDS-XM100 series has been developed from the ground up to deliver a cost-effective solution for extending the operational life of legacy devices. Originally developed in conjunction with NEC, the core technology has been successfully deployed with NZ Telecom telephone switches throughout New Zealand. By providing a modern, cost effective replacement for magnetic data storage systems, the DDS-XM100 series ensures seamless operation and data backup. A simple installation procedure eliminates the need for any system reconfiguration. Through the utilisation of flash memory the unit removes the need for bulky, unreliable tape reels and the on-going expense of maintaining mechanical tape drives. Designed to fully emulate the operation of an original storage unit, a DDS-XM100 can be installed within minutes and without interruption to a legacy system's operation. Whilst significantly smaller than many of original storage devices it replaces, the DDS-XM100 operates as a physical replacement and connects directly to a legacy system without the need for additional cabling or reconfiguration.

The DDS-XM100 series has models with Pertec connectivity as standard and the option for either SCSI or cartridge connectivity. The standard model provides 1GB of storage, with the option for expansion up to 48GB. RAID, external SD and USB come as standard, while Ethernet networking and scripting support are optional.

DDS-XM100 Series Specifications

- Drop in replacement for legacy storage devices such as magnetic tapes and optical drives
- 2x Pertec 50 pin connectors
- 1x SCSI 50 pin connector or 1 x Neax 61k (cartridge) 50 pin connector
- 1x RJ45 Ethernet port
- Up to 48GB of internal storage with internal ECC and RAID functionality for maximum data integrity
- 1x RS232 serial port (for unit control and communication with the host legacy system)
- 1x SD card slot for up to 4GB of removable storage
- 48V power supply via standard 6 pin connector or optional 110/240V AC mains input
- 400 MHz Intel XScale processor with 64MB RAM
- 240 x 160 LCD provides simple menu operation
- Mode switchable between device models in software
- Upgradable software to enable operation with custom infrastructures
- Reliable Linux-based OS
- Rack mountable via external brackets (optional)
- Length 23cm - Width 20cm - Height 8 cm - Weight 1.5kg
- Low power consumption, 200mA at 48V
- 12 month warranty and extended warranty options available

The DDS-XM100 series will support virtually any device that uses either SCSI, Pertec, Kennedy or cartridge based Magnetic Data Storage units. System manufacturers include: NEC, Siemens, Ericsson, Alcatel, and Fujitsu.

For more information go to www.bluewatersys.com/dsu



The DDS-XM100 uses standard SD flash media cards to provide a cost-effective backup and long-term data storage solution.



Screenshot from the DDS-XM100 main menu.