RAID

HIGH CAPACITY, LONG TERM, RESILIENT, HARD DISK STORAGE

RAIDs are high capacity external hard disk expansion units that provide additional long-term storage capabilities for Dedicated Micros digital video recorders.

Increased storage capacity
Each RAID gives DM DVR and Video Server users up to an additional 6TB of storage. With the option to attached multiple RAID units to models, users can benefit to up to 26TB of additonal storage per DVR or Video Server.

Easy set-up and use
The RAID simply connects to DM DVR's or Video Server, using the cable provided. DM DVRs will prompt you to import any previously recorded images, or use the RAID as a new disk, after which it will automatically record to the RAID and allow playback, search and archiving as if the RAID were a factory-fitted disk.

Ability to recover data
RAID units come pre-configured and tested at RAID Level 5. This RAID level reserves a disk to store error-correcting information, giving you the extra assurance that, in the unlikely event of a disk failure, no data is lost. Disks and power supplies can also be hotswapped without affecting recording.

Choice of storage options
RAID units are available with eight hard disks, with capacities of 2.4, 4, 6TB. Both SCSI or eSATA connected products are available. Please contact customer services or visit our website – www.dedicatedmicros.com – for the latest available disk capacities.

Multiple RAID option
Each DM SCSI enabled DVR can have up to a maximum of five mixed external SCSI devices e.g. several RAID units and

FEATURES

- 2U Rack Mount Chassis for high storage density applications

- RAID Mirroring or Parity to protect against Hard Disk failure

- Dual hot swap power supplies for non-stop maintenance

- SATA Disks for high-speed data transfer

- Pre-configured at RAID Level 5 for maximum protection

- Automatically starts rebuild when disk is hot swapped for ease of maintenance

- Factory formatted and tested with DM DVRs and Video Servers for complete peace of mind

NetVu CONNECTED

DEDICATED MICROS

SPECIFICATION

Description	eSATA			SCSI		
	DM/RAID5/ R8/2T4	DM/RAID5/ R8/4T0	DM/RAID5/ R8/6T0	DM/RAIDS/ R8/2T4	DM/RAIDS/ R8/4T0	DM/RAIDS/ R8/6T0
Summary						
Configuration	2U Rack Mount			2U Rack Mount		
Controller						
RAID levels	JBOD / RAID 0,1,0+1,3,5,30,50, NRAID			JBOD / RAID 0,1,0+1,3,5,30,50		
SCSI Host Interface	-	-	-	2	2	2
eSATA Interface	1	1	1	-	-	-
Disk Caddies	8x Hot Swappable SATA			8x Hot Swappable SATA		
Data Rebuild	Automatic Data Regeneration			Automatic Data Regeneration		
Disk Configuration						
Disk Size	320GB	500GB	750GB	320GB	500GB	750GB
Unformatted Capacity	2.4TB	4TB	6TB	2.4TB	4TB	6TB
Default RAID Level	1x RAID 5			1x RAID 5		
Default Parity Disks	1x320GB	1x500GB	1x750GB	1x320GB	1x500GB	1x750GB
Default Format	1X 2.1TB Fault Tolerant SATA Disks	1X 3.5TB Fault Tolerant SATA Disks	1X 5.25 TB Fault Tolerant SATA Disks	1X 2.1TB Fault Tolerant SATA Disks	1X 3.5TB Fault Tolerant SATA Disks	1X 5.25 TB Fault Tolerant SATA Disks
Power						
Ventilation	2x Replaceable Fans			2x Replaceable Fans		
Power Supply	2x300W Redundant Hot Swappable			2x300W Redundant Hot Swappable		
AC Input Voltage	100-240V (+/-10%), 47-63HZ			100-240V (+/-10%), 47-63HZ		
AC Input Connectors	2X IEC Male			2X IEC Male		
Mechanical						
Operating Temperature	5-40°C			5-40°C		
Operating Humidity	10% TO 85% Non-condensing			10% TO 85% Non-condensing		
Dimensions (mm)	88(H) X 485(W) X 470(D)			88(H) X 485(W) X 470(D)		
Weight Excluding Disks	16KG			16KG		
Weight Including Disks	21KG			21KG		
Shipping Weight	RAID Box 24KG / Disk Box 10KG			RAID Box 24KG / Disk Box 10KG		

SCSI Enabled RAIDS: DS2 and BX2

eSATA Enabled RAIDS: Gen3 DV-IP Range (DV-IP Express, DV-IP Server, DV-IP RT, DV-IP HD), HighVu Excel (VEU and MVU models) SD, SD Advanced.

To find your nearest Dedicated Micros office, please visit

www.dedicatedmicros.com

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