DVAD Series
Digital Video Array

Security Systems

– Digital Storage Capacity of 320GB or 1.2TB
– Expandable
– Fault Notification via Relay
– Low Profile Design
– Easy Installation

The economical DVAD Series Digital Video Array is built for the security industry's most demanding digital video storage applications, providing increased capacity, flexibility, and reliability.

This easy to install and maintain, compact 1U high rack mountable unit can accommodate up to 4 hard disk drives per chassis. Using a JBOD (Just a Bunch Of Disks) configuration with 300GB disk drives, this unit can provide up to 1.2TB of storage per box. In addition, up to 7 DVAD disk arrays can easily be grouped together, satisfying storage requirements.

The DVAD also provides real time drive activity and status indicators visible on the front panel. When the hard disk drive controller detects a hard disk failure or fault condition, the status indicators change states to indicate the fault condition. A relay output is also provided on the rear panel of the chassis, which can be interfaced to an alarm console for activation upon a fault condition.
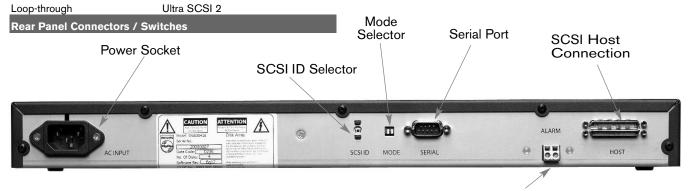
The standard 3 year warranty covers the disk array and the hard disk drives.

Security you can rely on

BOSCH

Electrical

Model No.	# of Hard Drives	Voltage Range	Operating Power[1]
DVAD0216	2	120/240VAC, 50/60Hz	80W
DVAD0416	4	120/240VAC, 50/60Hz	150W
DVAD0230	2	120/240VAC, 50/60Hz	80W
DVAD0430	4	120/240VAC, 50/60Hz	150W

[1]Power is based on the unit's maximum operating conditions.

Peak Current	7A @ 115VAC or 5A @ 230VAC
Hard Drives	160GB
Accessories	7 DVAD disk arrays can be chained together for additional storage. The following cable must be specified for each additional DVAD disk array.

Item	Type
DVAD Looping SCSI Cable	ACCVHD06L

Compatible Bosch DVR

Divar™ Series	
Hi-Q™	(DVRRT4) Series (Version 1.10 or greater)
DESA™ Series	(Americas only)
DiBos	

Front Panel Indicators

Power LED

Drive Activity LED

Drive Fault LED

Rear Panel Connectors / Switches

Power	IEC Male
	SCSI ID Selector Switch
Mode Selector Switch	4 LUN Mode, 2 LUN Mode, or 1 LUN Mode
RS-232 (Serial) Port	DB-9 male, for upgrade
Alarm Relay Output	Normally Open
Host Ports	Ultra SCSI 2
Loop-through	Ultra SCSI 2

Mechanical

Dimensions	440W x 43.6H x 315D mm; (17.3W x 1.75H x 12.4D in)
Weight	DVAD0216 & DVAD0230 4.96kg (10.9lb) DVAD0416 & DVAD0430 6.12kg (13.5lb)
Temperature	Operating 0° to 40°C (32° to 104°F)

Product Regulatory Compliance

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Product Safety	Complies with CE regulations, UL, CSA, EN, and IEC Standards
Warranty	3 Years

Rear Panel Connectors / Switches

Power Socket

SCSI ID Selector

Mode Selector

Serial Port

SCSI Host Connection

Alarm Connection

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