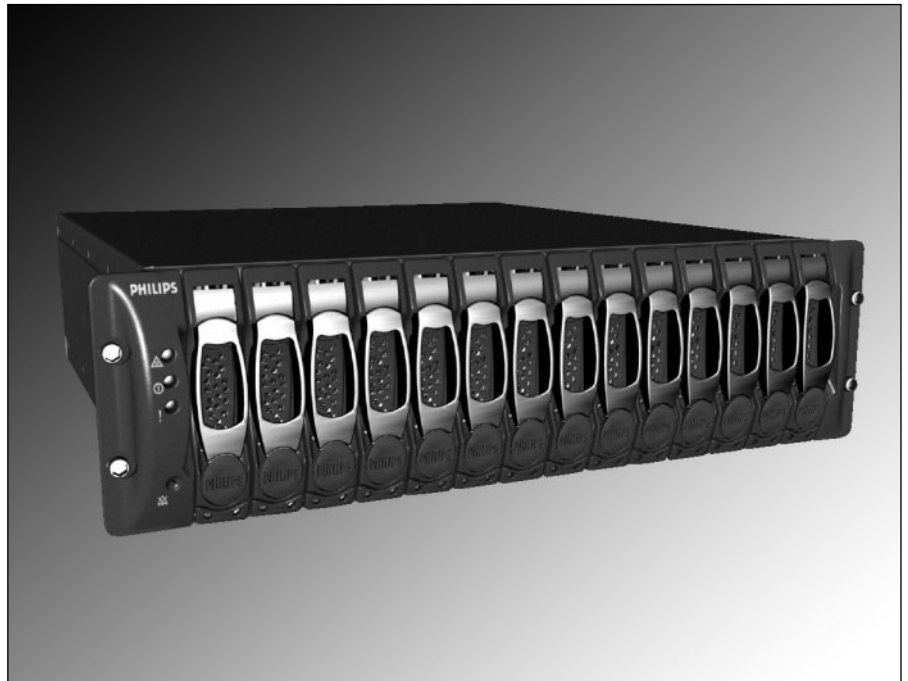


# DVAS Series Digital Video Array

- **RAID 5 Protection with up to Two (2) Terabytes of Video Storage**
- **Up to 14 Hot Swappable Disk Drives**
- **19-inch 3U Rack Mount Chassis**
- **Hot Spare and Automatic Rebuild**
- **Modular Design for Easy Service with Optional Redundant Power Supply**
- **Web-based GUI with Quick Configuration Page**
- **Dual-Host Capability; Providing Storage for Two (2) DVRs**



The DVAS Series Digital Video Array is built for the security industry's most demanding digital video storage applications, providing high capacity, unlimited flexibility, and unmatched reliability.

This compact 3 U high, rack mountable unit can accommodate 14 hot-swappable disk drives. Using the standard RAID 5 configuration and 160 GB disk drives, this unit provides up to 2 terabytes of protected storage. By simply using the additional host port, this massive amount of storage can accommodate two digital video recorders, saving rack space and money.

High performance and reliability are obtained by using the latest advancements in RAID disk drive technology. This unit contains a mid-plane design, eliminating the problems associated with cable interconnects. It also uses electronic soft-start, making hot-swappable ATA drives very reliable. In the event of a failure, the DVAS will sound an audible alarm and notify a user via the Philip DVR interface. (See specific Philip's DVR features.)

The DVAS's hard disk, power supply and controller board are all modular components. This significantly improves the serviceability of the unit and minimizes downtime. The data on the drives is RAID 5 protected, thus all data is protected, even if a hard drive completely fails. In addition, because the drives are hot swappable, the failed drive can easily be replaced without cycling power, or interrupting recording and data access. For the ultimate protection, the drives can be configured as hot-spares, which can be put on standby to automatically start rebuilding the data from the failed drive. This feature minimizes the time that the array would be functioning without RAID protection.

Other powerful features include real-time drive activity and status indicators, intelligent failure monitoring, web-based graphical user interface (GUI) with quick configuration page, and system security password.

The standard Philips 3 year warranty covers the disk array and hard drives.

# SPECIFICATIONS

## Electrical

Model No.	# of Hard Drives	Voltage Range	Operating Power *
DVAS0416	4	120/240 VAC, 50/60 Hz	210W
DVAS0816	8	120/240 VAC, 50/60 Hz	210W
DVAS1416	14	120/240 VAC, 50/60 Hz	210W

\*Power is based on the unit's maximum operating conditions

**Inrush Current / Voltage (25°C Cold Start Single PSU):** 60A @ 115VAC or 30A @ 230VAC

**Hard Drives:** 160 GB per drive

**Accessories:** (The DVAS includes a controller board, power supply and specified number of hard disks. Additional accessories are optional for redundancy or hot spare.)

ITEM	TYPE #
Power Supply:	ACCPS
Hard Disk Assembly (160 GB):	ACDC016M

## Compatible Philip's DVRs:

Hi-Q (DVRRT4) Series (Ver 1.10 or greater)  
DESA Series  
System4 Server Series (S4SVRS80 & S4SVR2S80)  
Divar

## Connectors:

Power: IEC male.  
RS-232 (Serial) Port: DB-9 male, for upgrade.  
Host Ports: Two (2), Auto-terminating, Ultra SCSI 3.  
Loop-through: Two (2), Ultra SCSI 3.  
Network: RJ45, ethernet 10/100BaseT compatible.  
Cables: One (1), SCSI Cable, 3 Ft.

## Mechanical

**Dimensions:** 482.6W x 139.72H x 533.4 mm  
(19W X 5.5H X 21D in).

**Weight:** 24 kg (53 lb; Approximate; excluding disk drives).  
34 kg (75 lb; Approximate; including 14 disk drives).

**Temperature:** Operating: 0° to 40°C (32° to 104° F).

## Electromagnetic Compatibility

**EMC Requirements:** CE Immunity, CE Emission

Class A, EN 50130-4

**Safety:** Complies with UL, CE, cUL.

**Warranty:** 3 years.

