



FEATURES

RAID 5 std., RAID 6 optional

Hot Swap Hard Drives

Redundant OS, Redundant Power Supplies

Real Time Recording and Playback

Record up to 64 IP Cameras

AIRSHIP HPpbA HP-SD Plus+ Series NVR

Take everything you like about HP's robust and proven server line and keep that. Keep the compact 2U form factor. Keep the real time recording. And keep the value of a high performance AIRSHIP Video Recording System. The important features from the Enterprise series AIRSHIP HP-HD NVR and you get the new improved and powerful AIRSHIP HP-SD+NVR.

We add the reliability of redundant power supplies, so if there is a failure of a Power Supply, the redundant one keeps the NVR recording. It alerts you to the problem and the Power Supply with the problem can be replaced with minimal interruption, which means no interruption of recording. Perfect for those critical application environments where you need an extra level of reliability.

And address the other important issue with NVR's, loss of Recorded Video. We add RAID 5 to the system which allows for the failure of a Hard Drive without the loss of the all important recorded video. The system alerts you to the failure of the Hard Drive, and you replace it when is most appropriate for you and most importantly, keep all the Video you have already recorded. And RAID 6 is available as an option.

The other good news is that the AIRSHIP HP-SD+ pricing is right. That gives most of the important features of the AIRSHIP Enterprise HP-HD system at a very attractive price point.

AIRSHIP HP-SD+ Series NVR

The solution best suited to most small to medium-sized environments. Rack-mount ready and a breeze to install and configure. The HP-SD+ Series includes our easy-to-use AIRSHIP software, with a long list of powerful features including Alarm/Relay, PTZ, space-saving Motion Detection, and advanced playback and search. Use AIRSHIP Client to manage thousands of cameras on your servers.

AIRSHIP PRECONFIGURED MODELS

SD+NVR01	1 TB Storage up to...
SD+NVR24	24 TB Storage

Larger and Customized configurations are also available...

AIRSHIP TECHNICAL SPECIFICATIONS

GENERAL

All Components are RoHS Compliant	
Power Consumption	750watts Max 360 watts Nominal
Input Voltage	100 to 240 VAC
Heat Output	2892btu/hr Max
Operating System	Windows 7
Operating Temperature	10° to 35° C (50° to 95° F)
Non-operating Temp.	-30° to 60° C (-22° to 140° F)
Op. Relative Humidity	10% to 90% non-condensing
Non-op. Rel. Humidity	10% to 95% non-condensing
Dimensions H x W x D	2U, 3.45 x 17.6 x 28.5 in
Weight at Max Capacity	45Lb
Chassis	1.2mm sheet metal

AIRSHIP NVR SPECIFICS

Video Compression	From IP camera
Analog Video Inputs (NTSC & PAL)	None
Analog Audio Inputs	None
IP Video Inputs	Up to 64 IP channels
Storage Capacity	1 TB up to 22 TB RAID 5 w/Optional RAID 6 available
VGA Outputs	1 VGA
Alarm Input Terminals	16 w/ optional I/O Module
Relay Output Terminals	16 w/ optional I/O Module
RS-422/485 Terminals	none
Remote Administration	Monitor and configure via TCP/IP and AIRSHIP Client
Memory	4 GB
CD-ROM	DVD-ROM dual layer
OS Hard Drive	Mirrored OS SATA Drives
Storage Drives	1TB or 2 TB SATA Enterprise series drives

RECORDING RESOLUTIONS

Resolution	NTSC, PAL
Camera Dependent	Various resolutions from QVGA to multi Megapixel
Bandwidth	
8HD server	Up to 150Mbps
12HD server	Up to 200Mbps

CONNECTIONS

Camera Inputs	Via Ethernet connections
Audio Inputs	Via Ethernet connections
Video Monitor	1x DB15
Gigabit Ethernet	RJ-45 x 2
Keyboard & Mouse	USB or PS/2
USB 2.0 Ports	6 Total Ports
Audio Output	1/8" stereo jack
Parallel Ports	None
Serial Ports	1x Fast UART 16550

MAXIMUM RECORDING FRAME RATES

Recording available at varying frame rates depending on camera capabilities.

Up to 64 IP channels available, limited by total bandwidth.

64ch total recording maximum per server