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**airshipdvr.com**

1-877-462-4250 TOLL-FREE

**HD Plus Series™ DVR** Designed to meet the rigorous performance needs of casinos and other environments with legally mandated requirements for: recording resolution and frame rate; data retention; uptime; and failover.\* HD Plus features a truly Server-class OS and the industry's highest-quality hardware components configured especially for Server-room systems.

**PRECONFIGURED 32-CHANNEL MODELS**

MODEL	STORAGE
HD+3203	3T
HD+3204	4T
HD+3205	5T
HD+3206	6T
HD+3207	7.5T

**PRECONFIGURED 48-CHANNEL MODELS**

MODEL	STORAGE
HD+4803	3T
HD+4804	4T
HD+4805	5T
HD+4806	6T
HD+4807	7.5T

**TECHNICAL SPECIFICATIONS**

**GENERAL** All Components are RoHS Compliant

Input Voltage	115 VAC
Maximum Power Consumption	HD+32XX — 455 watts HD+48XX — 515 watts
Heat Output	HD+32XX — 1555 btu/hr HD+48XX — 1760 btu/hr
Operating System	Windows Server 2003
Operating Temperature	5° to 45° C (41° to 113° F)
Non-operating Temperature	0° to 55° C (32° to 131° F)
Operating Relative Humidity	8% to 90% non-condensing
Non-operating Relative Humidity	5 to 95% non-condensing
Dimensions H x W x D	HD+32XX — 4U, 7" x 19" x 26" HD+48XX — 4U, 7" x 19" x 26"
Weight at Max Drive Capacity	HD+32XX — 90 Lb / 40.6 Kg HD+48XX — 90 Lb / 40.8 Kg
Chassis	1.2mm sheet metal with ABS plastic parts

**DVR SPECIFICS**

Compression	H.264 hardware compression
Analog Video Inputs (NTSC & PAL)	32 / 48 CIF or 16 / 24 4CIF channels
Analog Audio Inputs	8 / 12 channels
Storage Capacity	4.5 TB / 6 TB / 7.5 TB Raid 6
VGA Outputs	1
Alarm Input Terminals	16 w/ optional I/O Module
Relay Output Terminals	16 w/ optional I/O Module
RS-422/485 Terminals	1
Remote Administration	Monitoring and configuration via TCP/IP and Airship Client
Motherboard	Intel® E7000 Series chipset
Processor	Intel Core 2 Duo
Memory	2 GB - 4x512MB DDR2 667MHz in dual channel mode
Controller	PCI-e ATAI RAID6
CD-ROM	CD-R/W DVD+-R/W dual layer
OS Hard Drives	Twin, mirrored (RAID1) Seagate 80GB SATA III
Storage Drives	Seagate 750GB SATA III (Configured in RAID6)
Encoder Cards	H.264 encoder PCI

**RECORDING RESOLUTIONS**

RESOLUTION	NTSC	PAL
4CIF	704x480	704x576
DCIF	528x320	528x384
2CIF	704x240	704x288
CIF	352x240	352x288
QCIF	176x120	176x144

**CONNECTIONS**

FUNCTION	CONNECTION TYPE
Camera Inputs	BNC via DB15 adapter
Audio Inputs	RCA via DB15 adapter
Video Monitor	1x DB15
Dual-Gigabit Ethernet	RJ-45
Keyboard & Mouse	USB or PS/2
Audio Output	1/8" stereo jack used for standard stereo sound
USB 2.0 Ports	6 rear and 2 front
Serial Ports	1x Fast UART 16550 serial port
Parallel Ports	1x ECP / EEP parallel port

**MAXIMUM RECORDING FRAME RATES**

<b>Model HD+3204C</b>	Record Modes	32 channels at CIF, 16 channels at 4CIF
	Total FPS	960 at CIF, 480 at 4CIF
	Per-Camera FPS**	32 channels at CIF @ 30FPS 16 channels at 4CIF @ 30FPS***
<b>Model HD+4806C</b>	Record Modes	48 channels at CIF, 24 channels at 4CIF
	Total FPS	1440 at CIF, 720 at 4CIF
	Per-Camera FPS**	48 channels at CIF @ 30FPS 24 channels at 4CIF @ 30FPS***

\* Failover functionalities provided by the Airship Enterprise Management Server

\*\* 2CIF and DCIF recording also available at varying frame rates

\*\*\* These specific values are maximums in an ideal video capture environment