



Airship NV Series DVR

To address the concerns and the regulations in the State of Nevada for Gaming Surveillance, Airship Industries has come up with a brand new series of DVR designed just for Nevada... the **NV**.

Airship NV Series DVRs are optimized to save space and power. We give you the same great performance as our enterprise series DVR's and provide all that with exceptional value. The base configuration comes in an Enterprise Grade 2U server chassis with 8ch of 4CIF, 30FPS recording. It is available with 1.5TB, 2.25TB and 3TB storage which translates to 8 days, 12 days, and 15 days of recording. Hot Swap OS and Data Drives are standard. Raid 5, Redundant OS Drives and Redundant Power Supplies are standard options. All Enterprise grade, No shortcuts.

Simple:

8 channels per NV – meets the single point of failure requirement from NGC.

Resilient Hardware: RAID5 or RAID6 storage array, mirrored OS drives, and redundant power supplies.

Failover – use your existing video matrix to facilitate automated, rapid failover to a standby NV Series DVR in case of catastrophic failure.

User Intuitive Workstations: Remote access for live and playback, plus Video Wall Control, evidence management, and too many features to list here are all available with the Airship OP Series of Workstations, plus the Airship Virtual Matrix Driver. Its the Control Room of the future... See the Airship OP Workstation and Virtual Matrix Driver documents for more details...

Solutions

Integrate Failover in your choice of customizable configurations.

Value: Reuse existing technologies. Integrate with your Matrix system and more...

Flexible delivery of both live and archived video Ability to access and control multiple video displays from a single Workstation

Distribution to a digital video wall for Command and Control systems

Support: Located near Seattle, WA.USA. No phone tree, no waiting. We are the software developer; we are the hardware engineers.

Space: A High Density arrangement of VCR's are 2ea to a 2U rack space. The Airship NV gives you 4 times the density, at 4 times the resolution plus there are no tapes to store for an even greater space and labor savings.

Warranty: Three Years, Next Business Day, On Site. If a part fails call the support number and Airship will have a replacement part shipped to you BEFORE you ship the part to us!



NV Series DVR

PRECONFIGURED 8-CHANNEL MODELS

NV-815	1.5 TB Usable Storage
NV-822	2.25 TB Usable Storage
NV-830	3 TB Usable Storage

PRECONFIGURED 8-CHANNEL MODELS –w/Raid, and Redundant PS,OS

NV+815R	1.5 TB Usable Storage – Raid 5, redundant PS, OS
NV+822R	2.25 TB Usable Storage – Raid 5, redundant PS, OS
NV+830R	3 TB Usable Storage – Raid 5, redundant PS, OS

Customized configurations are also available...

TECHNICAL SPECIFICATIONS

GENERAL

All Components are RoHS Compliant	
Power Consumption	500 watts Max 166 watts Nominal
Input Voltage	115 VAC
Heat Output	1707 btu/hr Max 570 btu/hr Nominal
Operating System	Windows XP
Operating Temperature	5° to 45° C (41° to 113° F)
Non-operating Temp.	-40° to 70° C (-40° to 158° F)
Op. Relative Humidity	8% to 90% non-condensing
Non-op Rel. Humidity	5 to 95% non-condensing
Dimensions H x W x D	2U, 3.5" x 19" x 26"
Weight at Max Capacity Chassis	45 Lb / 20.5 Kg 1.2mm sheet metal

DVR SPECIFICS

Video Compression	H.264 hardware compression
Analog Video Inputs (NTSC & PAL)	8ea CIF, 2CIF, DCIF 4CIF channels
Analog Audio Inputs	8 channels
Storage Capacity	1.5TB up to 3 TB, RAID 5
VGA Outputs	1 ea VGA
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	Monitor and configure via TCP/IP and Airship Client
Memory	2 GB
CD-ROM	CD-R/W DVD+-R/W dual layer
OS Hard Drives	Seagate 80GB SATAII
Storage Drives	Seagate 500GB, 750GB or 1TB SATAII
Video Encoder Cards	H.264 encoder

RECORDING RESOLUTIONS

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

CONNECTIONS

Camera Inputs	BNC via DB15 adapter
Audio Inputs	RCA via DB15 adapter
Video Monitor	1x DB15
Gigabit Ethernet	RJ-45
Keyboard & Mouse	USB or PS/2
USB 2.0 Ports	6 rear and 2 front (some ports disabled in some configurations)
Audio Output	1/8" stereo jack
Parallel Ports	1x ECP / EEP
Serial Ports	1x Fast UART 16550

MAXIMUM RECORDING FRAME RATES

Model NV-8XX Record Modes Up To:

8 channels at CIF @ 30FPS
Total 240 fps at CIF
8 channels at 4CIF @ 30FPS
Total 240 fps at 4CIF

2CIF and DCIF recording also available at 30FPS.

* Failover provided by the Airship Failover + Health Monitoring Server