



# DHN-16

16-Channel H.264/AVC Embedded NVR

- Supports Aventura and third party IP cameras for network storage
- Recording storage configurable for each channel
- Scheduled and events recording configurable for each camera
- Search recorded files by event type
- HDD management in groups

© Aventura



## SPECIFICATIONS

### HARDWARE INTERFACE

Operating System	RTOS (Real Time Operating System)
Video System	NTSC/PAL
Streaming Compression	H.264 SVC Dual Streaming
VGA output	1024x768/60Hz, 1024x768/70Hz, 1280x1024/60Hz
Display Resolution	NTSC: 704x480 / PAL:704x576
Record Resolution	2.0MP/720P/4CIF/DC1F/2CIF/CIF/QCIF
Display Frame Rate	NTSC: 30 FPS / PAL: 25 FPS (per channel)
Record Frame Rate	Up to 16ch IP, 8ch 720P Megapixel or 4ch 2.0 Megapixel
Video Bitrate	32Kbps~2048Kbps, or user-defined (Max. 6144Kbps)
Max. IP Cameras Supported	16
Video Loop Output	N/A
Video Output	1 VGA, 1 HDMI
Monitor Output Support	1 BNC
Matrix Output	N/A
Alarm Output	4
Hard Drive Interface	8 SATA (1 TB Hard Drive included)
Max Hard Drive Support	16 TB
DVD Writer	N/A
USB	2, USB2.0
Communication Interface	1x RS232, 1x RS485 (For PTZ/Alarm), 1 RS-485 (for Keyboard)
PTZ Control	COM Port Control
PTZ Protocol Support	Pelco D/Pelco P/Kalatel/
Network Interface	RJ-45 10M/100M/1000M Ethernet
Network Protocol	DHCP, PPPoE, Static IP, TCP/IP
Remote Control	Included
Mouse	Included
Control Interface	USB Mouse, Front Panel, Remote Control (all Included)
Video Backup Options	USB Flash Drive, USB Hard Drive, USB DVD-RW, Internal DVD-RW, Web Browser, Client Software
DVR Interface	Pentaplex (Live Display, Record/Playback, Network simultaneously)
Motion Detection Record	Yes (Multi area setup per each individual Camera)
Recording Options	VBR, CBR, adjustable Frame Rate, Manual, Scheduled, Motion Detection, and Alarm

### SOFTWARE

Web Client Software	Included
Remote Client Software	Included
Mobile Phone Software	Included
Language	English

### ELECTRICAL & ENVIRONMENTAL

Power Supply	100~240 VAC, 6.3 A, 47~63 HZ
Surge Protection	Built in
Power Consumption (without HDD)	50 W
Working Temperature	32°F~131° (0°C~55°C)
Working Humidity	10~90%

### PHYSICAL

Weight	17.6 lb (≤8 Kg) -- without HDD and DVD-RW
Dimension	17.4" x 18" x 3.5" (442 mm x 457 mm x 88 mm)
Regulatory Type	CE, FCC, UL
Chassis	19" standard 2U chassis

### Warranty (Effective Jan 1, 2009)

2 Years

- Real-time display & record
- Up to 16 Aventura and third-party IP cameras
- Supports up to 8 hard drives
- 720p(30 FPS), 4CIF(30 FPS), DC1F(30 FPS), CIF(30 FPS)
- Dual stream
- Supports: PTZ, remote access
- 2U chassis

## AVAILABLE MODELS

Part number	Description
DHN-16	H.264/AVC Embedded Standalone NVR, 16 IP channels, 1 TB HDD