

# DVR-3016HL/HD1



## Features:

Real-time 25 frames or 30 frames per second HalfD1/CIF recording on all channels, or non-realtime D1 recording on all channels

16-ch loop output

Highly reliable embedded operating system technology

Advanced MPEG-4 Part 10 H.264 encoding/decoding algorithm

Remote access via Internet/LAN via web server using Microsoft Internet Explorer software

USB & external CDRW or DVD-RW connectivity

Audio recording and alarm inputs for all cameras

Simple operation with easy to use VCR-style button interface with jog shuttle and mouse control

Click and drag mouse-driven zoom on playback

Graphical menu interface protected by multiple levels of password protection

Connect up to eight hard disk drives internally and a limitless number externally via network attached storage

Privacy masking and lock function for covert cameras

Intelligent blinded camera detection triggers an alarm when a camera view is covered

Networkable control keyboard can be used to interact with multiple Professional Series digital video recorders at once allowing full control of live, playback, archiving and pan/tilt/zoom control of connected cameras

## Specifications:

Processor	Industrial embedded microprocessor
Operation system	Embedded LINUX operational system
Video input	16 Channel (PAL/NTSC) BNC ( 1.0VP- P , 75Ω )
Video output	2 Channel PAL/NTSC , BNC ( 1.0VP- P , 75Ω ) or VGA
Audio input	16 Channel audio input 200-2500mv, 30 KΩ , 1 Channel two-way audio input 200-2500mv, 30 KΩ
Audio output	1 Channel output 200-3000mv 5KΩ(RCA)
Video display	1 , 4 , 9, 16 window display

Video standard	PAL ( 625 line, 50f/s ) ,NTSC ( 525 line, 60f/s )
System resource	Real-time recording, one channel playback and network real-time monitor simultaneously
Image resolution	PAL/NTSC real-time monitor704×576/704×480playback 352×288/352×240, 704×288/704×240, 352×576/352×480,704×576/704×480 VGA 1024×768
Motion detection	Area setting: 192 detection areas on the screen; detection sensitivity setting: multi levels detection sensitivity for each area
Video compression	MPEG-4/H.264
Audio compression	PCM
Video recording speed	MPEG-4 real-time mode : HalfD1/CIF 1-25f/s adjustable(PAL) or 1-30f/s adjustable on all channel (NTSC), D1 50frames/s for every 4 channel.
Image quality	6 levels selectable
Hard disk	Built-in4 IDE ports , support 6 HDDs with infinite capacity
HDD space used	Audio: 28.8M bytes/hour ; video: 56~900M bytes/hour
Alarm input	16 channelvoltage alarm input
Alarm output	6 channels relay output, output in open/close contact ( one channel is controllable + 12V )
Alarm relay	30VDC 2A, 125VAC 1A ( relay output )
Network connection	RJ45 10M/100M adaptable Ethernet connection
Pan-tilt control	RS485,RS232
Power	220VAC 50HZ / 110VAC 60HZ
Power consumption(without HDD)	40W
Working temperature	- 10℃ - + 55℃
Working humidity	- 10% - 90%
Barometric pressure	86kpa - 106kpa
Size	2U standard industrial case · 441 (breadth)x430 (depth)x89mm (height)
Weight	7KG