

HD-DVR-7016

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D1 H.264 HD SERIES 16 CHANNEL DIGITAL VIDEO RECORDER

Honeywell Security introduces a premium 16-channel digital video recorder (DVR), HD-DVR-7016, which represents the new generation of HD series DVR. This high performance DVR is designed for medium scale applications which require multi-functional recording, expandable storage capacity and simple operations. HD-DVR-7016 supports up to 16 camera inputs and 8 internal hard drive storage capacities for 24x7 surveillance, D1 resolution at full frame rate recording, as well as powerful video playback, search, and export capability.

Imported videos can be reviewed smoothly via other media play programs. Videos required for further investigation can be exported from archive and saved in USB memory sticks, USB CD-RW or DVD-RW.

The operation of HD-DVR-7016 is simple – the DVR can be controlled through the front panel, remote controller, HD-JC-010 joystick control keyboard and/or PC mouse. Up to 60 DVRs can be interfaced and administered simultaneously with HDCS, Honeywell central management software.

HD-DVR-7016 is an efficient automated monitoring and recording engine for its capability to trigger recording and to respond to events when alarm inputs, motion, video loss and/or blank are detected. Also featuring mobile phone remote access, HD-DVR-7016 is ideal to perform real-time monitoring and video searching through network anywhere.

Market Opportunities

HD-DVR-7016 is an ideal video surveillance solution for medium scale surveillance applications in buildings, hotels, hospitals, factories, shopping malls, car parks and so forth. The HD-DVR-7016 operates in 24x7, and is an excellent DVR with effective total cost of ownership to maximize the return on investment.

FEATURES

- H.264 compression
- 400/480fps D1 recording rate for up to 16 channels
- Dual encoding support for network transmission and remote access monitoring
- Support dual encoding streams, flexible for network transmission and mobile phone monitoring
- 8 SATA HDD capacity, up to 16TB storage
- eSATA port and CD-RW/DVD-RW for backup
- PTZ control: Honeywell Diamond, ScanDome, VCL and Pelco D/P protocol support
- Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload
- Web server built-in interface to HDCS and MSS (mobile phone surveillance software)



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SPECIFICATIONS

Model	HD-DVR-7016
System	
Operating System	Embedded LINUX
Operation	Front panel, USB mouse, IR remote controller, Keyboard, Network
Video	
Video Input	16 composite video 1.0Vpp, 75Ω, BNC
Video Output	1 composite video output, 1.0Vpp, 75Ω BNC; 1 VGA; 1 HDMI
Video Standard	PAL or NTSC
Compression	H.264
Video Recording	16 Channel D1 @ 25fps, Dual encoding streams (D1 and CIF), Multicasting
Multi-screen Channel	1, 4, 9 and 16
Image Quality	1-6 level adjustment
Privacy Masking	4 customized privacy masking zones for each camera
Camera Lock	Camera lock by authorized users
Audio	
Audio Input	16 line in
Audio Output	1 line out
Audio Compression	G.711
Alarm	
Motion Detection	Up to 396 (22x18) detection zones Sensitivity: 1-6 level adjustment
Video Loss and Blank	Trigger recording, PTZ control, alarm output, email
Alarm Input	16 inputs configurable NO/NC
Alarm Output	3 outputs, 30VDC, 1A, NO/NC
Storage	
Internal HDD	Up to 8 SATA hard disks, 16TB storage capacity supported
External Backup	eSATA, USB CD-RW or DVD-RW, network
HDD Management	HDD faulty alarm & RAID (Redundancy)
Recording	
Recording Mode	Manual and automatic continuous recording, video alarm trigger (motion detection, video loss and blank) and alarm trigger
Pre-alarm Recording	1 to 120 minutes (default: 60 minutes) interval file, 16 channels for pre-recording up to 30 seconds, post-recording up to 5 minutes per channel
Overwrite Mode	Yes
Playback	
Search Mode	Date/time, Event (alarm, motion detection)
Playback	16 channels D1 resolution playback simultaneously (forward/reverse, fast playback, slow playback, freeze)
Digital Zoom	Selected zone can zoom in to full screen during playback

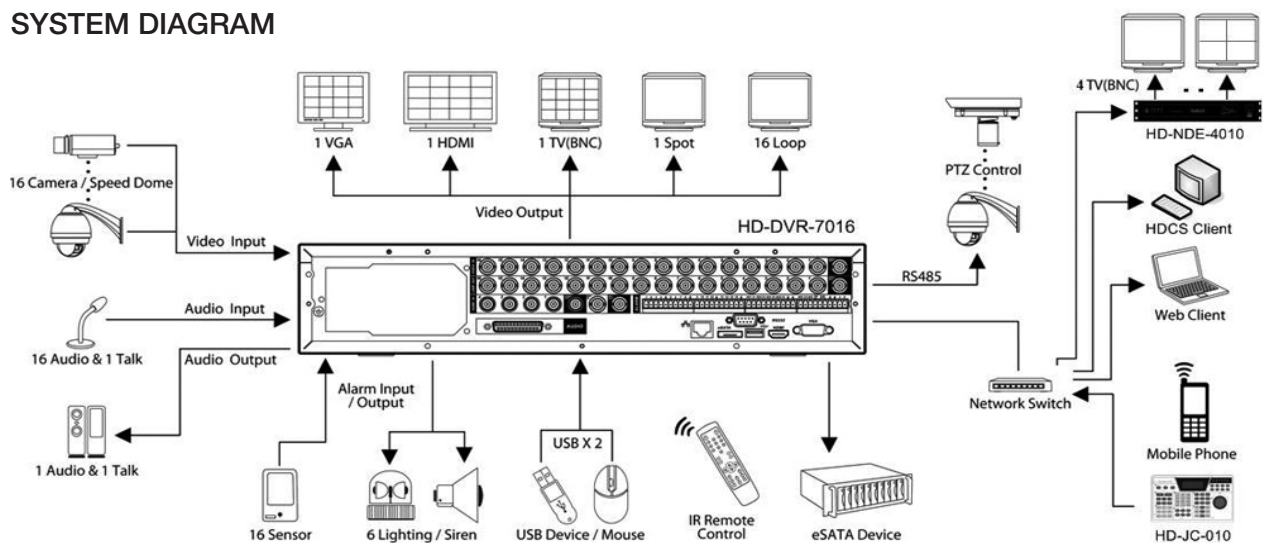
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Network	
Protocol Support	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP
Remote Control Function	Monitor, PTZ control, playback, configuration, download
Connection	
Network Interface	RJ-45 (10/100M)
USB Interface	2 x USB 2.0 ports
Serial Interface	RS-232 port for PC connection
PTZ Control Interface	RS-485
Voltage and Power	
Power Input	100 to 240VAC 50Hz/60Hz
Power Consumption	40W
Environmental	
Operating Temperature	-10°C~55°C
Relative Humidity	10% - 90% non-condensing
Mechanical	
Dimensions	Standard 2U height, 440x460x89mm (WxDxH)
Weight	Approx. 6.5KG (without HDDs)
Mounting	Desktop or rack
Certification	
Certification	CE, FCC, CCC, Type Test Report

SYSTEM DIAGRAM



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PACKAGE

Qty	Components
1	HD-DVR-7016
1	USB Mouse
1	Network Cable
8	SATA Connection Cable
2	Power Cord
1	Remote Controller
1	1.5m HDMI Cable
1	CD

ORDERING

HD-DVR-7016	16-Channel Video/Audio Recording DVR, 400/480fps @ D1 Resolution, Support Chinese (Simplified) and English OSD, 8 SATA Hard Disk Bays, NTSC/PAL, 100 - 240VAC
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