

HD-16DVR-C

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Technology Enhanced HD series 16 Channel Digital Video Recorder

Honeywell introduces a fully featured middle-level digital video recorder (DVR), HD-16DVR-C, which is the next generation of HD series DVR. HD-16DVR-C is designed for the medium sized market demanded with flexible recording functions, expandable storage capacity and simple operations. HD-16DVR-C supports up to sixteen camera inputs and four internal hard drive storage capacity for the need of 24x7 surveillance; full frame rate recording; and powerful video playback, search, and export capability.

HD-16DVR-C adopts advanced H.264 compression, which capably saves up to 50% of bandwidth and storage than MPEG-4, allowing you to view and control the DVR in a more efficient way. HD-16DVR-C supports real-time display up to 720P high definition and recording at 400/480fps for CIF. Two out of sixteen channels support 4CIF recording specially catered the high security demanded areas, which provide both crystal clear pictures and important evidence on emergencies. Imported video is easily reviewed via other programs of media player. Video critical used for investigation that archive is easy to be exported and saved in the USB memory device, USB CD-RW or DVD-RW devices.

The operation of HD-16DVR-C is ease-if-use through the front panel, remote controller or PC mouse. The advanced Honeywell Digital Video Central Surveillance (DVCS) management software is an option capable interfacing with up to 200 DVRs simultaneously. For video surveillance applications requiring PTZ capability, HD-16DVR-C is intelligent to address and control pan/tilt/zoom (PTZ) cameras including Honeywell HSD series and ScanDome series PTZ cameras, and also the third-party PTZ cameras. With the ability to trigger recording and in response to events when detection by alarm inputs, motion detection, video loss and blank, the HD-16DVR-C becomes an automated monitoring and recording engine. Furthermore, the short message post and mobile phone remote access make HD-16DVR-C more flexible to perform real-time monitoring and video searching through network in anywhere.

Marketing Opportunities

HD-16DVR-C is suitable for medium scale surveillance applied in buildings, hotels, hospitals, factories, shopping mall, car parks and so forth. The HD-16DVR-C can meet the demand of protecting your assets by 24x7, and is an excellent choice with effective total cost of ownership to make your business gaining profit year over year.



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FEATURES

- H.264 compression
- 400/480ips CIF recording rate, the first and ninth channel for 4CIF resolution
- Dual encoding support for network transmission and remote access monitoring
- Dual encoding streams supported, flexible for network transmission and mobile phone monitoring
- 4 SATA HDD capacity, up to 8TB storage
- eSATA port & 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 Honeywell DVCS management system, MSS (mobile phone surveillance software)

SPECIFICATIONS

Model	HD-16DVR-C
System	
Operating System	Embedded LINUX
Operation	Front panel, USB mouse, IR remote controller
Video	
Video Inputs	16 composite video 1.0Vpp, 75Ω, BNC
Video Outputs	1 composite video output, 1.0Vpp, 75Ω BNC; 1 VGA; 1 HDMI
Video Standard	PAL or NTSC
Compression	H.264
Video Recording	CIF, 25fps (real time)
	4CIF, 25fps (1st and 9th special channels)
	Dual encoding streams
Multi-screen Channels	1, 4, 9 and 16
Image Quality	1-6 level adjustment
Privacy Masking	4 customized privacy masking zone 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 (22*18) detection zones
	Sensitivity: 1-6 level adjustment
Video Loss and Blank	Trigger recording, PTZ control, alarm output, e-mail
Alarm Input	16 inputs configurable NO/NC
Alarm Output	3 outputs, 30VDC, 1A, NO/NC

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Model	HD-16DVR-C
Storage	
Internal HDD	Up to 4 SATA hard disks, 8TB storage supported
External Backup	E-SATA, USB CD-RW or DVD-RW, network
HDD Management	HDD faulty alarm & Raid (Redundancy)
Recording	
Recording Mode	Manual, continuous, video alarm trigger (motion detection, video loss and blank) and alarm trigger
Pre-alarm Recording	1 to 120 minutes (default: 60 minutes) interval file, pre-recording up to 30 seconds, post-recording up to 5 minutes
Overwrite Mode	Yes
Playback	
Search Mode	Date/time, Event (alarm, motion detection)
Playback	16 channel playback simultaneously (forward/reverse, fast playback, slow playback, freeze)
Digital Zoom	Selected zone can zoom in to full screen during playback
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 USB2.0 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	
Dimension	Standard 2U height, 440x460x89mm (W*D*H)
Weight	Approx. 6.5KG
Mounting	Desktop or rack

PACKAGE

Qty	Components
1	HD-16DVR-C
1	USB Mouse
1	Network Cable
4	SATA Connection Cable
1	User Manual
2	Power Cord
1	Remote Controller
1	1.5 m HDMI Cable
1	CD

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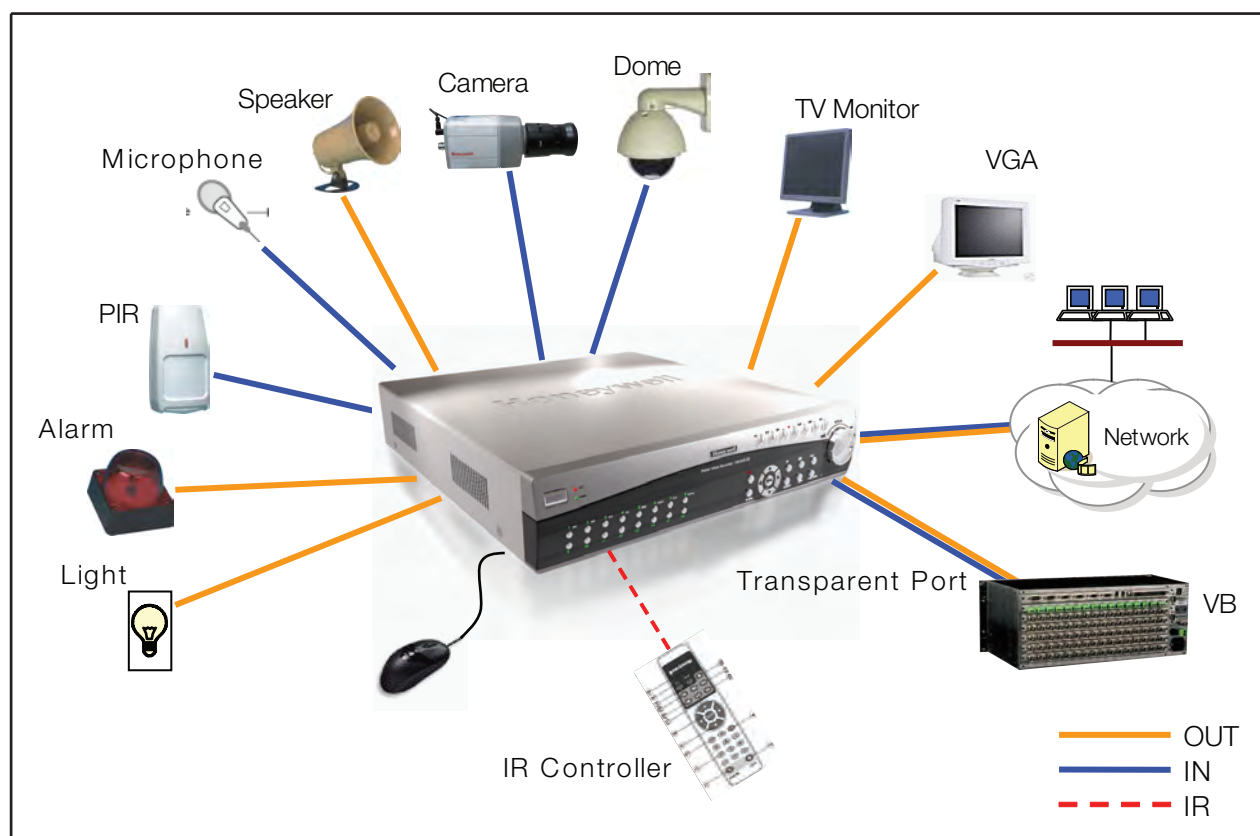
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ORDERING

HD-16DVR-C: 16 Channel Video/Audio recording DVR, 400/480fps @ CIF resolution, Support Chinese (Simplified) and English OSD, 4 SATA hard disk ports, NTSC/PAL, 220VAC

DEVICES CONNECTION DIAGRAM



For more information:

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Security Australia National Sales Hotline
Security China
Security China Customer Service Hotline

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