

HD-DVR-1016

www.asia.security.honeywell.com

Mobile Enabled 16-Channel Digital Video Recorder

Surveillance system is effective in preventing loss of life and protecting your family, property and asset. Honeywell can help you on this with our simple and cost effective solution to prevent break-ins, unauthorized entry and theft. Our brand new sixteen channels HD-DVR-1016 is an ease of use and mobile access enabled DVR. It deployed a high definition H.264 video codec. This high quality video surveillance product gives you the ability to live view, record, search and transmit up to sixteen channels of analog video sources and audio input respectively, in different areas indoor and outdoor. This is an ideal way to monitor activities of people and objects, providing security and view the proper placement of assets.

Market Opportunities

HD-DVR-1016 is ideal for small to medium scale surveillance implementation such as in buildings, hotels, hospitals, factories, car parks and more. The HD-DVR-1016 supports TV, VGA and HDMI output at the same time. Customers can easily connect the DVR to monitor or TV to display surveillance pictures and control the viewing via remote controller. Various alarm activation functions, including alarm triggered recording, short message posting and snapshot taken make the HD-DVR-1016 ideally works flexibly with third party systems. In addition, the HD-DVR-1016 operates easily through cross network real-time monitoring, remote recording and searching, and PTZ control. The mobile surveillance software is complimentary for you to enjoy a quick remote access and control through mobile phone, helping you to make informed security and business management decisions.

FEATURES

- H.264 compression
- 16 channels video recording continuously up to 30 days
- 16 channels support CIF recording
- First and ninth channels support D1 resolution recording
- Dual encoding streams support
- Support network transmission and mobile phone monitoring
- 16 channels simultaneous playback
- Mobile surveillance software available for remote access
- Intelligent video alarm detection: motion detection, camera blank, video loss
- Flexible camera setting: privacy masking, camera lock, color setting, title display
- PTZ Control: Multi-protocols supported (Honeywell Diamond and ScanDome, Pelco D/P)



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SPECIFICATIONS

Model	HD-DVR-1016
System	
Operating System	Embedded LINUX
Interface	GUI, on-screen menu tips
Control Device	Front panel, USB mouse, keyboard, IR remote control, network keyboard
Language	English, Simplified Chinese
Video	
Video Input	16 channels, composite video input BNC (1.0Vp-p, 75 Ω)
Video Output	1 channel PAL/NTSC BNC (1.0Vp-p, 75 Ω), 1 VGA output, 1 HDMI output
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)
Video Compression	H.264
Resolution	PAL / NTSC Real-time monitor: D1 704×576 / 704×480 Playback: 1,9-ch: D1 704×576 / 704×480 , CIF 352×288 / 352×240 , QCIF 176×144 / 176×120 Other channels CIF 352×288 / 352×240 ,QCIF 176×144 / 176×120
Recording	Real-time Mode: PAL 1f/s to 25f/s per channel and NTSC 1f/s to 30f/s per channel (the first and ninth channel of HD-DVR-1016 support D1 resolution recording) Dual streams supported
Video Display Split	Full and multiple screen display, 1 / 4 / 9 / 16
Tour Display	Yes
Image Quality	1~6 level (level 6 is the best)
Privacy Masking	Maximum 4 customized zones for privacy masking
Channel Lock	Screen lock function prevent unauthorized operation
Color Configuration	Hue, brightness, contrast, saturation and gain setup for each channel
Audio	
Audio Input	4 channels, BNC, 200-2800mv, 30K Ω
Audio Output	1 channel, BNC, 200-3000mv, 5K Ω
Hard Disk	
Hard Disk	1 built-in SATA port support 1 HDD
HDD Alarm	HDD failed alarm
Record and Playback	
Recording Mode	Manual / Continuous / Video Detection / Schedule / Alarm Recording
Recording Priority	Manual >Alarm >Video Detection >Continuous
Recording File Length	1 to 120 minutes (default: 60 minutes) single duration
Overwrite	Hard disk full, overwrite previous file
Search Mode	Search record by time, alarm event
Playback	Various fast play, slow play speeds, manual frame by frame playback and reverse play mode
Backup Mode	HDD backup / USB backup / Network download backup
Network Function	Network Function
Network Control	Remote video view, configuration by web browser, file download back up and playback by network
Detection & Alarm	
Motion Detection	Sensitivity adjustment: 1~6 (level 6 is the highest) Alarm can trigger recording, PTZ control, alarm out, email message

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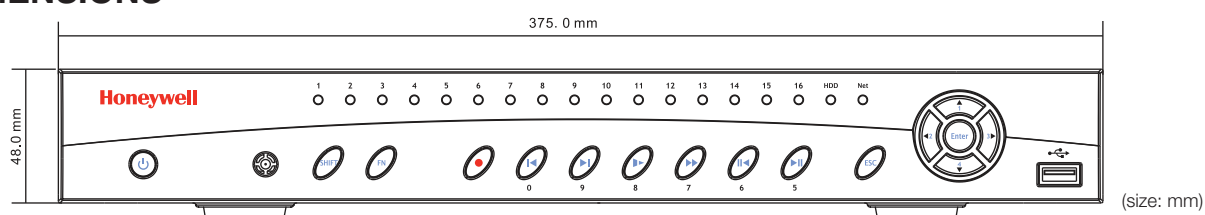
SPECIFICATIONS

Model	HD-DVR-1016
Video Loss	Video loss can trigger recording, PTZ control, alarm out, email message
Camera Blank	Camera blanking can trigger recording, PTZ control, alarm out, email message
Alarm Input	16 channels input can trigger recording, PTZ control, alarm out, email message
Alarm Output	3 Relay output
Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	PC communication
RS485	PTZ control
Environmental	
Power Supply	220V 50Hz / 110V 60Hz
Power Consumption	25W
Working Temperature	-10°C ~ +55°C
Working Relative Humidity	10% ~ 90%
Dimension	1U, 375mm x 285mm x 48mm (W*D*H)
Weight	2.35KG(without HDD)
Mounting	Desktop or rack
Certificate	CE/FCC, CCC

PACKAGE

Qty	Components
1	HD-DVR-1016 DVR
1	USB Mouse
1	Network Cable
1	SATA Connection Cable
1	User Manual
2	Power Cord
1	Remote Controller
1	1.5m HDMI Cable
1	CD
4	BNC Connectors
1	12VDC Power Supply

DIMENSIONS



HD-DVR-1016

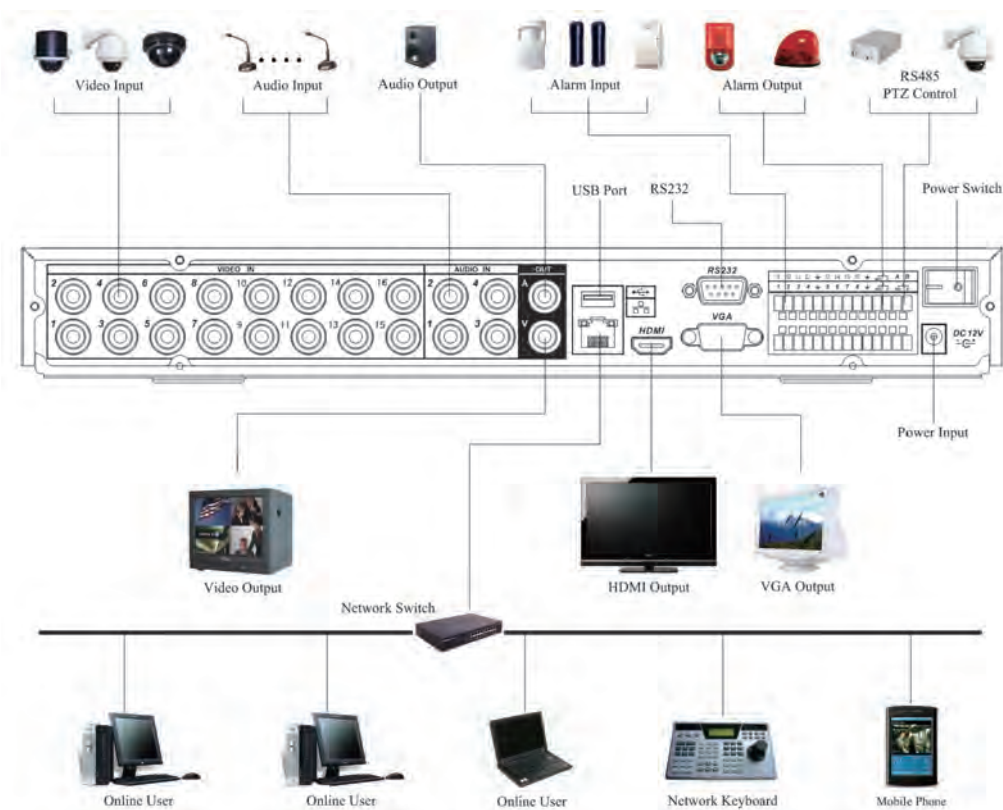
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ORDERING

HD-DVR-1016: Mobile Enabled 16-CH Digital Video Recorder

SYSTEM DIAGRAM



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