

CALNVR-1004/08/16A

www.black.honeywell.com

1 SATA 4-/8-/16-Channel High Resolution Network Video Recorder

Honeywell Black™ CALNVR-1004/08/16A series is an easy to use network recording solution designed for small-scale surveillance application. Featuring 3 Megapixel / 1080P / 960P outstanding real-time recording resolution, 1080P HDMI & VGA output, H.264 video compression, and compatibility with 1.3 Megapixel IP cameras, this NVR series optimizes recording quality to provide outstanding video performance at an economical price.

The user-friendly operation interface with button panel allows users to live view, record, playback, back up and remotely control the system simultaneously. With 1 SATA slot, the maximum storage capacity of the CALNVR-1004/08/16A is up to 4TB.

The CALNVRView mobile view APP allows a quick remote access and control to CALNVR-1004/08/16A via your mobile phone. Free DDNS server service is available to support remote control of the NVR. The CALNVR-1004/08/16A also comes with a free CMS software CAL-CMS200 which provides rich functions such as video management, user management, storage, video output, etc.

Market Opportunities

Featuring real-time recording up to 3 Megapixel / 1080P / 960P resolution, the CALNVR-1004/08/16A series is an ideal solution for high definition surveillance. This easy-to-configure and easy-to-operate NVR series is ideal for small-scale surveillance installations such as in retail stores, dispensaries, clinics, offices or hotels.

FEATURES

- Button-panel interface for easy operation
- Multiplex recording schedule options: manual, alarm, motion detection, timing
- Multiplex operation: live view, record, play back, backup and remotely control the system simultaneously
- HDMI and VGA output simultaneously at up to 1080P resolution
- H.264 High profile decoding
- 1 SATA HDD interface: maximum 4TB storage capacity
- ONVIF 2.0 compliant
- Support remote control through DDNS service by free of charge
- On-line user view: maximum 6 users simultaneously
- CALNVRView: free Android and Apple app for remote playback, record and snapshot through mobile phone
- Multiple network monitoring: CAL-CMS200 (for PC), CALNVRView (for mobile app), IE Web browser
- Power: DC12V



Driving IP-based physical security through global standardization

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SPECIFICATIONS

Model	CALNVR-1004A	CALNVR-1008A	CALNVR-1016A	
System	Operating System	Embedded LINUX		
	System Resources	Simultaneous multi-channel live view, real-time recording, playback, network operation, remote access, backup		
Interface	User Interface	Support 16-bit true color graphical menu interface and mouse operation		
	Preview Screen	1 / 4 Windows	1 / 4 / 9 (8 channels) Windows	1 / 4 / 9 (8 channels) / 16 Windows
Video	IP Video Input	4 channels	8 channels	16 channels
	Video Standards	PAL (625 line, 50f/s), NTSC (525 line, 60f/s)		
	Video Compression	H.264 High profile, main profile, baseline		
	Display Quality	Monitor: D1 & VGA & HDMI: HD		VGA & HDMI: HD
	Play Quality	960P / 720P / 960H / D1 / HD1 / CIF / QCIF	1080P / 720P / 960H / D1 / HD1 / CIF / QCIF	3 Megapixel / 1080P / 720P
	Video Access	4 channels 720P / 8 channels D1	8 channels 1080P / 8 channels 720P / 16 channels D1	4 channels 3 Megapixel / 8 channels 1080P / 16 channels 960P (720P)
	Motion Detection	Support		
Audio	Audio Compression	G.711A		
	Bidirectional Talk	N/A		Support
Record & Playback	Record Mode	Manual / Alarm / Video Detection / Timing		
	Local Playback	1 channel 960P (720P) / 4 channels D1 real-time	2 channels 1080P (960P) / 4 channels 720P real-time	1 channel 3M / 2 channels 1080P / 4 channels 720P real-time
	Search Mode	Time / Calendar / Event / Channel search		
Storage & Backup	HDD Redundancy	Support		
	Space Occupation	Video: 1080P 80G / Day / Channel, 720P 26G / Day / Channel, 960H 24G / Day / Channel, D1 16~20G / Day / Channel, Audio: 691.2M / Day / Channel		
	Record Storage	HDD, network		
	Backup Mode	Network backup, USB HDD, USB writer, SATA writer		
Interface	Video Input	RJ45		
	Video Output	1 channel BNC output, 1 channel VGA output, 1 channel HDMI output		1 channel VGA output, 1 channel HDMI output
	Audio Input	N/A		
	Audio Output	1 channel RCA		
	Alarm Input	N/A		
	Alarm Output	N/A		
	Net Interface	1 RJ-45 10M / 100M		1 RJ45 10M / 100M / 1000M
	PTZ Control	1 RS485, support 18 kinds of PTZ protocols		
	USB Port	2 USB 2.0 port for mouse, backup, DVD burning and upgrading		
	HDD Interface	1 SATA, max 4TB		
General	Power Supply	12V / 2A		
	Power Consumption	Max. 15W		
	Operating Temperature	0°C - +55°C		
	Operating Humidity	10%-90%		
	Dimensions	255 (W) x 225 (D) x 45 (H) mm		
ONVIF	ONVIF 2.0			
CMS	CAL-CMS200			
Mobile View APP	CALNVRView for iPhone, iPad, Android			
Certification	CE, FCC, C-Tick			

Note: Honeywell reserves the right, without notification, to make changes in product design or specifications.

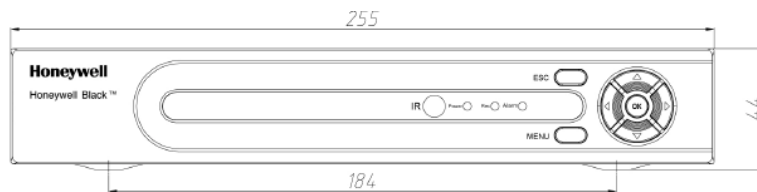
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DIMENSION

FRONT PANEL:



Unit (mm)

REAR PANEL:



CALNVR-1004/1008A



CALNVR-1016A

ORDERING

CALNVR-1004A	4-channel 720P / 8-channel D1 NVR, 1 HDD SATA, max 4TB, DC12V, ONVIF
CALNVR-1008A	8-channel 1080P / 8-channel 720P / 16-channel D1 NVR, 1 HDD SATA, max 4TB, DC12V, ONVIF
CALNVR-1016A	4-channel 3 Megapixel / 8-channel 1080P / 16-channel 960P (720P) NVR, 1 HDD SATA, max 4TB, DC12V, ONVIF

PACKAGE

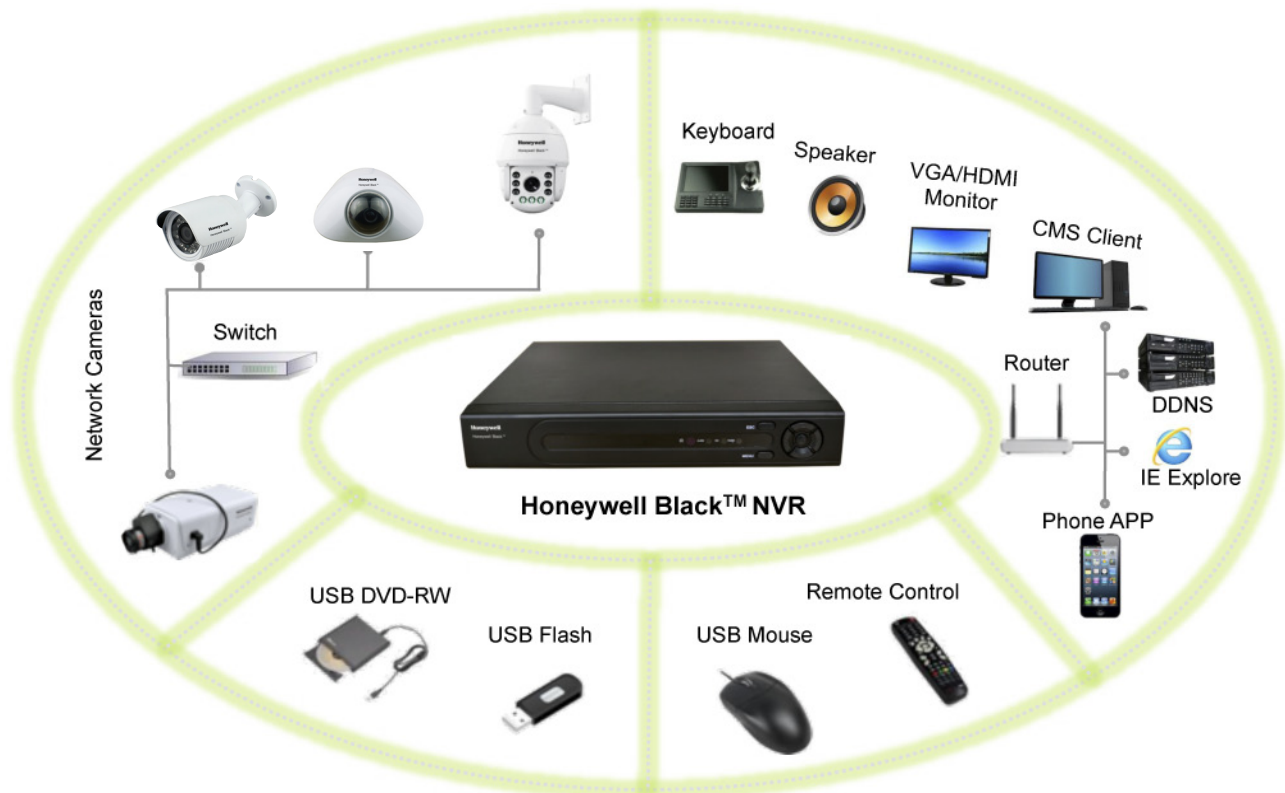
Qty	Components
1	CALNVR-1004A/08A/16A NVR
1	Power Adapter
1	Warranty Card
1	Software CD
1	USB Mouse
1	Install Screws
1	Remote Controller
1	User Manual

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SYSTEM DIAGRAM



For more information:

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