

CALNVR-4024B CALNVR-8024B

www.black.honeywell.com

4 / 8 SATA 24-Channel Network Video Recorder

Honeywell Black™ CALNVR-4024/8024B series is an easy to use network recording solution designed for small-scale surveillance. Support 5M / 3M /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. Embedded with 4 SATA / 8 SATA interface to support 4TB HDD each slot, the maximum storage capacity of the CALNVR-4024/8024B is up to 32TB. Extra storage is available through USB interface or e-SATA.

The CALNVRView mobile view APP allows a quick remote access and control to CALNVR-4024/8024B via your mobile phone. Free DDNS server service is available to support remote control of the NVR. The CALNVR-4024/8024B 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 5M / 3M /1080P / 960P resolution, the CALNVR-4024/8024B series NVR is an ideal solution for high definition surveillance. This easy-to-configure and easy-to-operate NVR series is ideal for small scale 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
- 4 / 8 SATA HDD interface: 4TB storage capacity for each slot, extra e-SATA port available
- 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 or built-in ATX power (CALNVR-8024B only)



CALNVR-4024B



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Driving IP-based physical security through global standardization

CALNVR-4024B

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SPECIFICATIONS

Model		CALNVR-4024B	CALNVR-8024B
System	Operating System	Embedded LINUX	
	System Resources	Simultaneous multi-channel live view, real-time recording, playback, network operation, remote access, USB backup	
Interface	User Interface	Support 16-bit true color graphical menu interface and mouse operation	
	Preview Screen	1 / 4 / 8 / 16 / 24 / 32 Windows	
Video	IP Video Input	24 channels	
	Video Standards	PAL (625 line, 50f/s), NTSC (525 line, 60f/s)	
	Video Compression	H.264 High profile	
	Display Quality	Monitor: D1; VGA & HDMI: HD (support 1920 x 1080, 1280 x 720, 1440 x 900, 1280 x 1024, 1024 x 768, 800 x 600)	
	Play Quality	3 Megapixel / 1080P / 720P	
	Video Access	8 channels 5M / 16 channels 3M / 24 channels 1080P / 32 channels 960P	
Audio	Motion Detection	Support	
	Audio Compression	G.711A	
	Bidirectional Talk	Support	
Record & Playback	Record Mode	Manual / Alarm / Video Detection / Timing	
	Local Playback	2 channels 5M / 4 channels 3M / 4 channels 1080P / 8 channels 960P real-time	
	Search Mode	Time / Calendar / Event / Channel	
Storage & Backup	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	
	HDD Redundancy	Support redundancy and partition	
	Record Storage	HDD, network	
	Backup Mode	Network backup, USB HDD, USB writer, SATA writer	
Interface	Video Input	RJ45	
	Video Output	1 channel VGA, 1 channel HDMI	
	Audio Input	1 channel RCA	
	Audio Output	1 channel RCA	
	Alarm Input	16 channels	
	Alarm Output	4 channels	
	Net Interface	1 RJ-45 10M / 100M / 1000M, self-adaptive Ethernet interface	
	PTZ Control	1 RS485, support 18 kinds of PTZ protocols	
	USB Port	2 USB 2.0 port for mouse, backup, burning and upgrading	
	HDD Interface	4 SATA, max.4TB each, 1 e-SATA	8 SATA, max.4TB each, 1 e-SATA
General	Power Supply	12V/6A	Built-in ATX power
	Operating Temperature	0°C - +55°C	
	Operating Humidity	10%-90%	
	Dimensions	440(D) x 345(W) x 60(H) mm	443(D) x 430(W) x 91(H) mm
System compatibility	ONVIF Ver. 2.0		
CMS	CAL-CMS200		
Mobile View APP	CALNVRView for iPhone, iPad, Android		
DDNS	www.calnvrview.net		
Certification	CE, FCC, C-Tick		

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

CALNVR-4024B

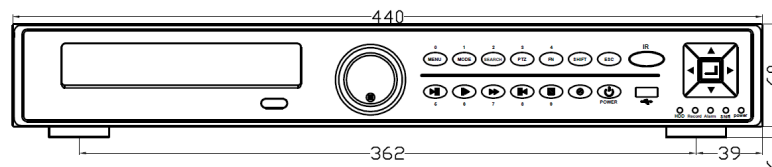
CALNVR-8024B

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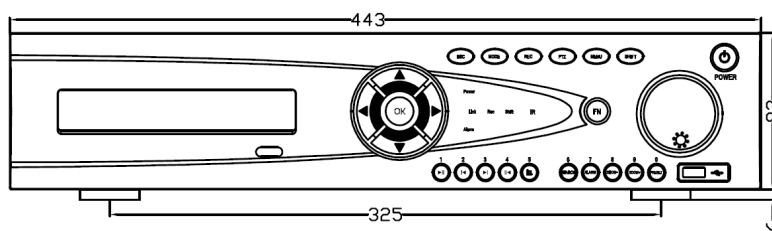
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DIMENSION

FRONT PANEL:



CALNVR-4024B



CALNVR-8024B

REAR PANEL:



CALNVR-4024B



CALNVR-8024B

ORDERING

CALNVR-4014B	24-channel 1080P NVR, 4 HDD SATA Slot, max 16TB, e-SATA port, DC12V/6A, ONVIF
CALNVR-8024B	24-channel 1080P NVR, 8 HDD SATA Slot, max 32TB, e-SATA port, DC12V/6A, Built-in ATX power, ONVIF

PACKAGE

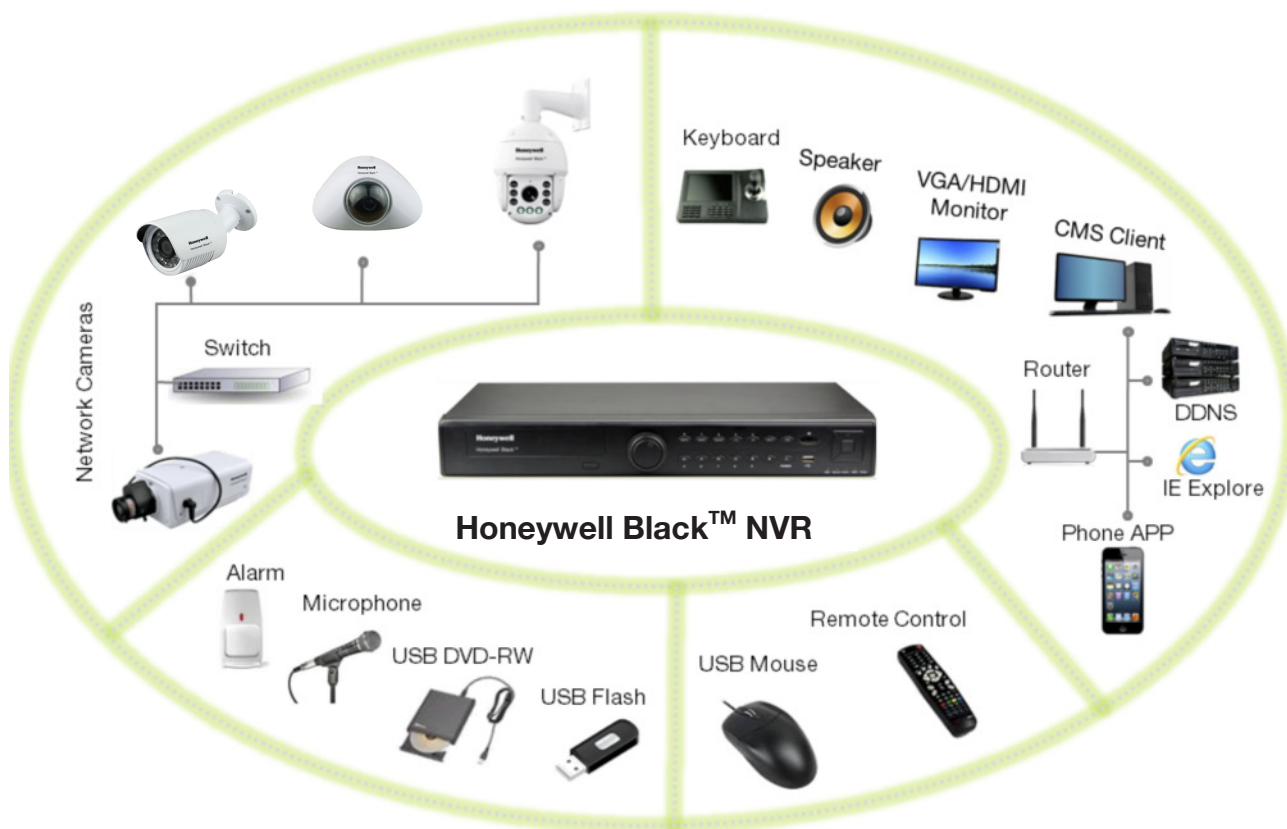
Qty	Components
1	CALNVR-4024B/8024B NVR
1	Power Adapter
1	Warranty Card
1	Software CD
1	USB Mouse
1	Install Screws
1	Remote Controller
1	User Manual

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SYSTEM DIAGRAM



For more information:

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Security China
Security Korea

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