

Focus 4K Embedded NVRs

8-/16-/32-Channel 4K ENVRs

HEN08104/HEN16104/HEN32104

Introducing Honeywell's Focus 4K Embedded NVRs, our newest affordable, fully featured NVRs offering Ultra HD 4K video resolution. Choose an 8-, 16-, or 32-channel NVR, with multiple hard drive options plus the ability to expand to up to 16 TB of internal storage, for an ideal and flexible solution to fit your surveillance situation.



Fully-featured NVRs

- High decoding capability for ultra 4K HD viewing and recording
- View 4/8/16 channels simultaneously with synchronized real-time playback on your monitor (depending on your model)
- up to 12 MP (4K) resolution live view, preview and playback
- up to 16 channels at 1080p H.265/H.264 decoding
- De-warp fisheye camera video in local and web user interface for 360 degree situational awareness

Dynamic, Accessible Monitoring

- Monitor from anywhere using the mobile apps for both apple® and android™ devices (smartphones, tablet computers, and laptops)
- Protect the NVR's video and network setup with password-protected access
- Conceal up to 4 areas of a scene from viewing and recording

Convenient, Flexible Storage Options

- Internal storage supports 2 HDDs expandable up to 16 TB (8 TB each)
- Store video clips and snapshots to external storage, such as the client's PC, through the internet connection
- Store video clips and snapshots to external network storage servers, such as an FTP site
- Store video clips and snapshots to a USB memory device

FEATURES AND BENEFITS

- H.265/H.264/MJPEG/MPEG4 codec decoding
- Supports up to 4 alarm input channels and 2 alarm relay output channels
- Supports recording a video clip of events for distribution
- Configurable to automatically detect and respond to motion in the scene, alarm inputs, and network failure or tampering
- Supports visual or auditory notifications (a flashing light, bell, or siren)
- Supports sending notifications through email, FTP, and/or HTTP
- Supports uploading still images at the time of the event through email and/or FTP
- Supports fisheye video de-warping in local and web user interface
- HDMI/VGA simultaneous video output
- Supports recording a video clip of events for distribution
- Supports visual or auditory notifications (a flashing light, bell, or siren)
- Supports sending notifications through email, FTP, and/or HTTP
- Supports uploading still images at the time of the event through email and/or FTP
- Supports fisheye video de-warping in local and web user interface
- UL listed
- Maximum incoming bandwidth of 320 Mbps

Easy to Use

- the Quick wizard and Poe support (for up to 8/16 channels) make setup fast and easy
- Quick physical installation with the help of a simple NVR design and easy-to-understand quick installation guides
- simple remote configuration and firmware updating through the Honeywell Viewer web client and the Honeywell Config tool

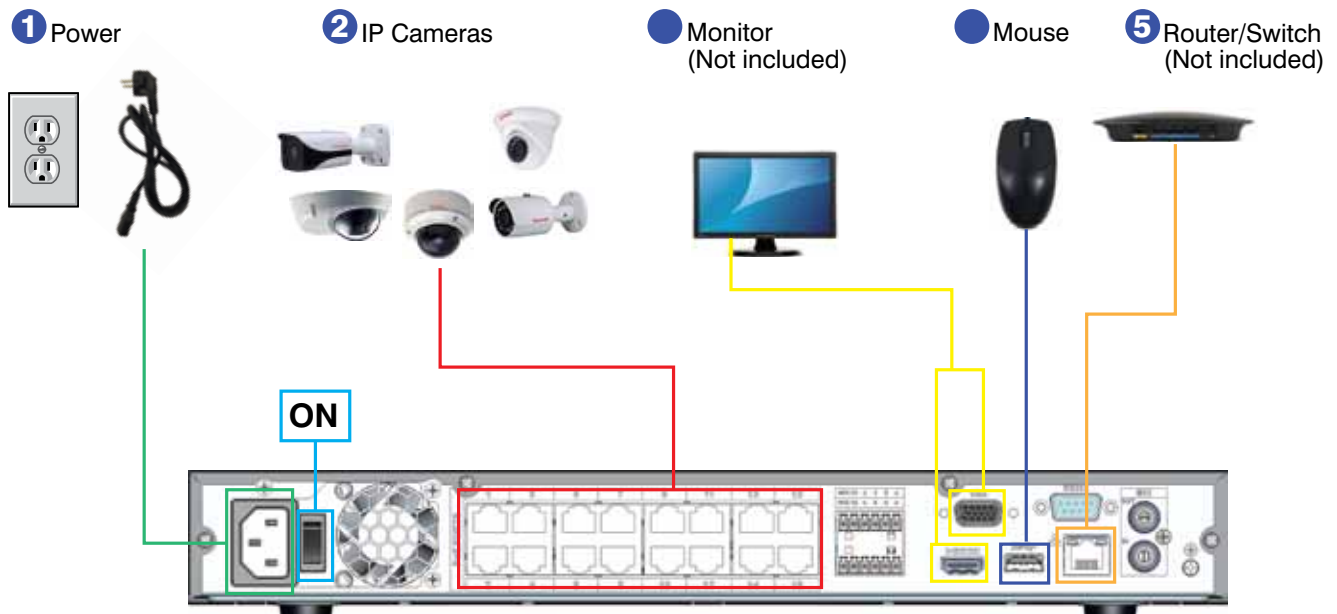
Market Opportunities

the flexible storage options and high recording and networking performance of the Focus 4K embedded NVRs make these NVRs perfect for a wide range of security applications.

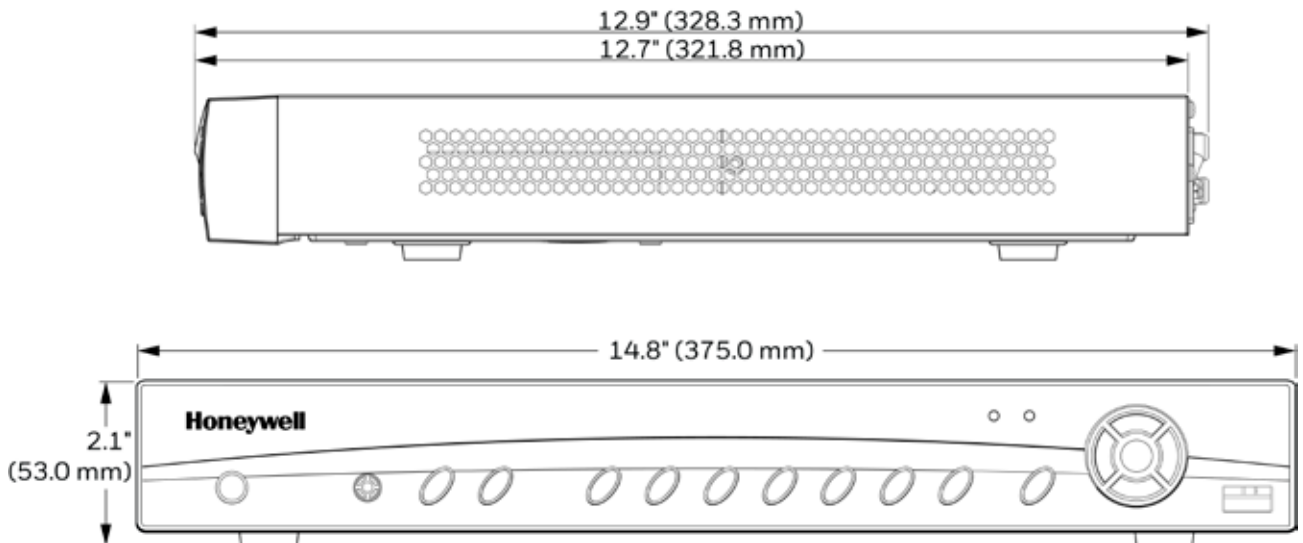
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SYSTEM DIAGRAM



DIMENSIONS



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ENVIRONMENTAL

OPERATING TEMPERATURE	14°F to 131°F (-10°C to 55°C)
RELATIVE HUMIDITY	10% to 90%, non-condensing
STORAGE TEMPERATURE	-4°F to 158°F (-20°C to 70°C), 0% to 90% relative humidity

PHYSICAL

DIMENSIONS	14.8" x 12.9" x 2.1" (375 mm x 327 mm x 53 mm)
WEIGHT (WITHOUT HDD)	6.0 lb. (2.7 kg)

SYSTEM INTEGRATION

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (<http://www.security.honeywell.com/hota/>) to learn more about our open and integrated solutions.



ELECTRICAL

POWER SUPPLY	Single, 100-240 VAC, 50/60 Hz
POWER CONSUMPTION	HEN08104: 15.2 W max (no HDD) HEN16104: 14.5 W max (no HDD) HEN32104: 14.5 W max (no HDD) PoE: 25.5 W for a single port (130 W total)

REGULATORY

EMISSIONS	FCC Part 15B, EN55032: 2012 +AC: 2013, EN61000-3-2: 2014, EN61000-3-3: 2013
IMMUNITY	EN50130-4: 2011+A1: 2014, EN55024: 2010+A1: 2015
PLAYBACK FUNCTION	EU: EN60950-1 North America UL listed to UL/CSA 60950-1
ROHS	EN50581: 2012

ORDERING

HEN08104	NVR, 8-Channel, H.265, 4K 12 MP, 2 SATA, 8 PoE, No HDD
HEN16104	NVR, 16-Channel, H.265, 4K 12 MP, 2 SATA, 16 PoE, No HDD
HEN32104	NVR, 32-Channel, H.265, 4K 12 MP, 2 SATA, 16 PoE, No HDD

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