2019-49

NEBRASKA SAFETY and FIRE EQUIPMENT

PROPOSAL NO. 13550
PAGE NO. 1 of 1
JULY 12, 2019
(RS)

PO BOX 1229, 111 WEST 6TH STREET
NORTH PLATTE, NEBRASKA 69103-1229
PHONE 308-534-7833 FAX 308-532-9413

PROPOSAL SUBMITTED TO: KEITH COUNTY SHERIFF'S DEPARTMENT
103 EAST 5TH STREET
OGALLALA, NE 69153

We hereby propose to furnish the materials and perform the labor necessary to INSTALL A REPLACMENT CCTV SYSTEM AND ADD CAMERAS TO THE KEITH COUNTY JAIL. Price includes the following terms:

- PRICE INCLUDES INSTALLATION OF WIRE AND DEVICES.
- PROVIDE AND INSTALL A HONEYWELL HEN16163 NVR INSTALLED IN ROOM 118 GUARD STATION RACK.
- PROVIDE AND INSTALL 13 HONEYWELL H4W4PER3 4MP IP CAMERAS (REPLACE NINE EXISTING AND INSTALL FOUR NEW).
- PROVIDE AND INSTALL TWO WALL MOUNT TV/ MONITORS ABOVE CONSOLES.
- PRICE INCLUDES CONNECTIONS TO THE LAN WITH IT PERSONEL ASSISTANCE.
- PRICE INCLUDES FREIGHT.
- PRICE DOES NOT INCLUDE TAX.
- PRICE DOES NOT INCLUDE ANY 120VAC WORK IF NECESSARY.
- PRICE INCLUDES CUSTOMER TRAINING AND FREE REMOTE ACCESS SOFTWARE, INCLUDING MOBILE DEVICES.

All material is guaranteed to be as specified and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in substantial workmanlike manner for the sum of $10,315.00 (TEN THOUSAND THREE HUNDRED FIFTEEN DOLLARS) with payment to be made as follows: $10,315.00 upon completion of installation.

Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work. Workers compensation and public liability insurance on above work to be taken out by Nebraska Safety & Fire Equipment Inc.

RESPECTFULLY SUBMITTED
NEBRASKA SAFETY & FIRE EQUIPMENT, INC.

Conrad Buhrman 7/12/19
CONRAD BUHRMAN DATE

This proposal may be withdrawn by us if not accepted within 60 days.

ACCEPTANCE OF PROPOSAL
The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

K. H. Ell 7-17-19
SIGNATURE DATE

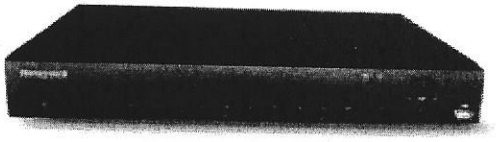
Honeywell
THE POWER OF CONNECTED

Performance Series Embedded NVRs

4-/8-/16-Channel ENVRs

HEN04103/HEN04113/HEN04123/HEN08103
HEN08123/HEN08143/HEN16103/
HEN16123/HEN16143/HEN16163

Introducing Honeywell's Performance Series Embedded NVRs, our newest affordable, fully-featured NVRs offer Ultra 4k HD video resolution. Choose between a 4-, 8-, or 16-channel NVR, with multiple hard drive options and up to 16 TB of internal storage, for an ideal and flexible solution to fit your surveillance needs.



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 8 MP (4K) resolution live view, preview and playback
- Up to 8 channels at 1080p H.265/H.264 decoding

Dynamic, Accessible Monitoring

- Mobile apps provide anytime, anywhere access 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 deviceStore video clips and snapshots to a USB memory device

Easy to Use

- The Quick wizard and PoE support (up to 4/8/16 channels) enable a fast and efficient set up
- Quick installations utilizing an intuitive NVR design and easy-to-understand quick installation guides
- Simple remote configuration and firmware update through the Honeywell Viewer web client and the Honeywell Config tool

Market Opportunities

The flexible storage options, high recording and networking performance of the Embedded NVRs make these NVRs perfect for a wide range of security applications.

FEATURES & BENEFITS

These fully featured attractive cameras are perfect for outdoor installations that require excellent picture quality at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting a sleek, modern design and offering two different lens options, the cameras are suited for a wide range of applications.

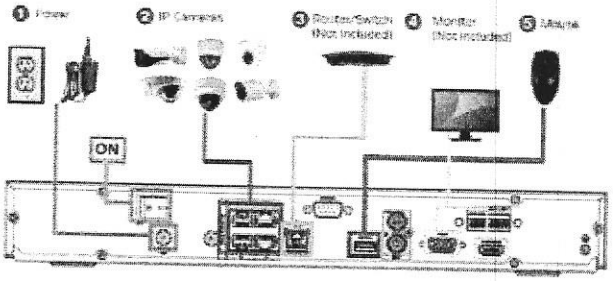
- H.265/H.264 codec decoding
- HDMI/VGA simultaneous video output
- UL listed
- Supports up to 4 alarm input channels and 2 alarm relay output channels
- Supports sending notifications through email, FTP, and/or HTTP
- Supports recording a video clip of events for distribution
- Supports uploading still images at the time of the event through email and/or FTP
- Configurable to automatically detect and respond to motion in the scene, alarm inputs, and network failure or tampering
- Maximum incoming bandwidth of 200 Mbps
- Supports visual or auditory notifications (a flashing light, bell, or siren)
- Supports Smart Face detection search
- Integration with Maxpro Cloud and the IView Now

4-/8-/16-Channel ENVRs

SYSTEM DIAGRAM

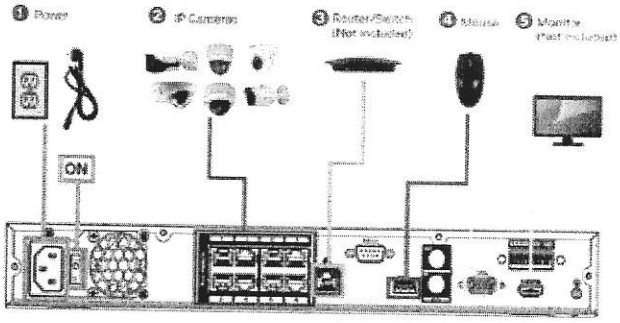
HEN041*3

* = hard drive capacity in TB.



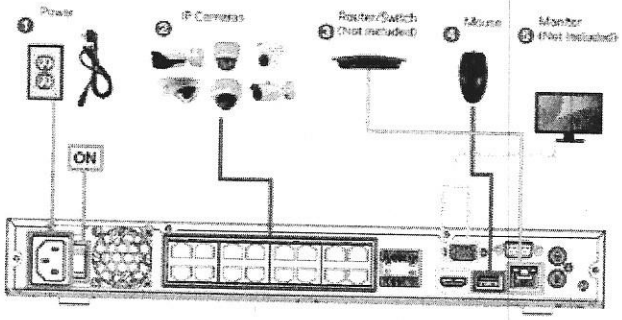
HEN081*3

* = hard drive capacity in TB.

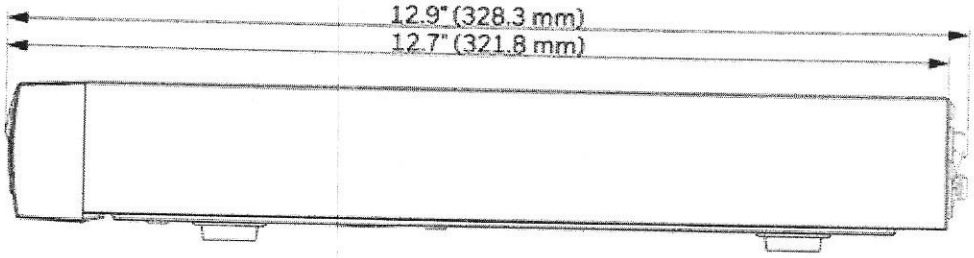


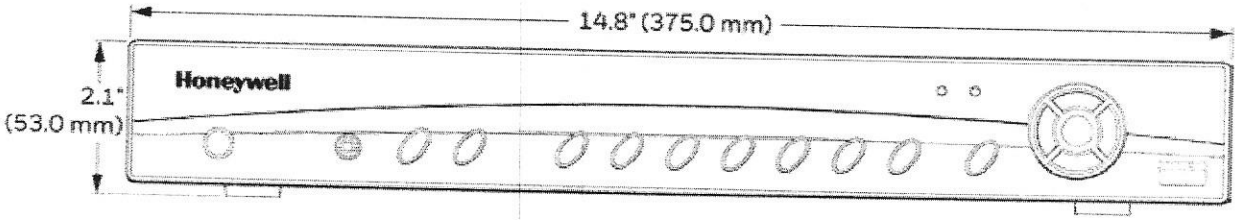
HEN061*3

* = hard drive capacity in TB.



DIMENSIONS





Note: The dimensions of HEN081*3/HEN161*3 are shown here. For the dimensions of HEN041*3, see technical specifications on the next page.

4-/8-/16-Channel ENVRs

ORDERING

ACCESSORIES	
RACK MOUNT TRAY	HENHQATRAY

RECOMMENDED CAMERAS[1]	
MINIDOME IP CAMERAS	H4D3PRV2, H4W2PRV2, H4W4PRV2, H2W2PRV3, H2W4PRV3, H4D3PRV3, H4W4PRV3, H4D8PR1, H4W4PER2,H4W4PER3
BULLET IP CAMERAS	HBD3PR2, HBW2PR2, HBW4PR2, HBW4PER2, HBW2PR1, HBD8PR1, HBD2PER1, HBW4PER1, HBD1PR1, HBD3PR1
IR PTZ IP CAMERAS	HDZP252DI, HDZP304DI
BALL/MICRO DOME IP CAMERAS	HEW2PRW1, HEW4PRW3, HED8PR1, HED2PER3, HEW4PER3, HEW2PR1, HEW4PR3, HEW2PR2, HEW4PR2, HED1PR3, HED3PR3

1. Visit the Honeywell Website for new camera support information

ORDERING	
HEN04113	H.265 4CH NVR, 1TB, 4 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 120fps
HEN04123	H.265 4CH NVR, 2TB, 4 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 120fps
HEN08123	H.265 8CH NVR, 2TB, 8 POE Ports , 4k, output HDMI/VGA 4k, Ethernet Gigabit, 240fps
HEN08143	H.265 8CH NVR, 4TB, 8 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 240fps
HEN16123	H.265 16CH NVR, 2TB, 16 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 480fps
HEN16143	H.265 16CH NVR, 4TB, 16 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 480fps
HEN16163	H.265 16CH NVR, 6TB, 16 POE Ports, 4k, output HDMI/VGA 4k, Ethernet Gigabit, 480fps

For more information

www.honeywell.com/security

Honeywell Security Office

2700 Blankenbaker Pkwy, Suite 150
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1.800.323.4576
www.honeywell.com

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

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Honeywell

Honeywell
THE POWER OF CONNECTED | Performance Series IP

H4W4PER3

WDR 4 MP IR Rugged Mini Dome Camera

HD

ONVIF S

OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/3" 4 MP CMOS
NUMBER OF PIXELS (H × V)	2688 × 1520
MINIMUM ILLUMINATION	0.08 lux colour @ F2.0 (Colour, 1/3s, 30 IRE) 0 lux B/W with IR LEDs on @ F2.0
S/N RATIO	> 45 dB
ELECTRONIC SHUTTER SPEED	1/3(4) – 1/100,000 s
IR DISTANCE	Up to 82 ft (25 m), depending on scene reflectance
SMART IR	Auto/Manual
DAY/NIGHT	Auto (ICR)/Colour/BW
BACKLIGHT COMPENSATION	BLC/HLC/WDR (120 dB)
WHITE BALANCE	Auto/Natural/Street Lamp/Outdoor/Manual
GAIN CONTROL	Auto/Manual
WIDE DYNAMIC RANGE	True WDR (120 dB)
NOISE REDUCTION	3D DNR
PRIVACY MASKING	Up to 4 configurable zones
MOTION DETECTION	Up to 4 configurable zones
REGION OF INTEREST	Up to 4 configurable zones
DIGITAL ZOOM	16x
LENS	2.8 mm, fixed, F2.0
ANGLE OF VIEW	104°/87° (H), 57°/48° (V)
VIDEO	
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264
RESOLUTION	4 MP (2688×1520), QHD (2560×1440), 3 MP (2304×1296), 1080p (1920×1080), SXGA (1280×1024), 1.3 MP (1280×960), 720p (1280×720), D1 (704×576/704×480), VGA (640×480), CIF (352×288/352×240)
FRAME RATE	4 MP at 1 – 20fps, 3 MP at 1 – 25/30fps D1/CIF at 1 – 25/30fps
BIT RATE CONTROL	CBR/VBR
BIT RATE	H.265: 12K – 8448 Kbps H.264: 32K – 10240 Kbps
NETWORK	
ETHERNET	RJ-45 (10/100BASE-T)
SUPPORTED WEB BROWSERS	Internet Explorer (11.0+)
SUPPORTED OS	Windows 7 32-bit

NETWORK (CONT'D)	
PROTOCOLS	IPv4/v6, TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, FTP, SMTP, DHCP, PPPoE, UPnP, SNMP v2/v3, Bonjour, DNS, DDNS, IEEE 802.1X, QoS, NTP
INTEROPERABILITY	ONVIF Profile S
MAXIMUM USER ACCESS	20 users
SECURITY	User account and password protection, HTTPS, IP filter, IEEE 802.1X, digest authentication, user access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled
EVENT	Network disconnection, IP address conflict, illegal access, video tampering, motion detection
EVENT NOTIFICATION	Record (NAS and FTP), relay output, email, snapshot
ELECTRICAL	
POWER SUPPLY	PoE (802.3af) Class 0, 12 VDC
POWER CONSUMPTION	4.58 W max. (IR LEDs on)
MECHANICAL	
DIMENSIONS	110 mm × 81 mm (4.33" × 3.19")
PRODUCT WEIGHT	0.34 kg (0.75 lb)
PACKAGE WEIGHT	0.47 kg (1.04 lb)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOUR	RAL 9003 (White)
ENVIRONMENTAL	
OPERATING TEMPERATURE	−30°C to 60°C (−22°F to 140°F)
STORAGE TEMPERATURE	−30°C to 60°C (−22°F to 140°F)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	IP66
IMPACT RESISTANCE	IK10
REGULATORY	
EMISSIONS	FCC Part15B, EN 55032
IMMUNITY	EN 50130-4
SAFETY	EU: EN 60950-1 North America UL listed to UL/CSA 60950-1
ROHS	EN 50581

WDR 4 MP IR Rugged Mini Dome Camera

RECOMMENDED ACCESSORIES

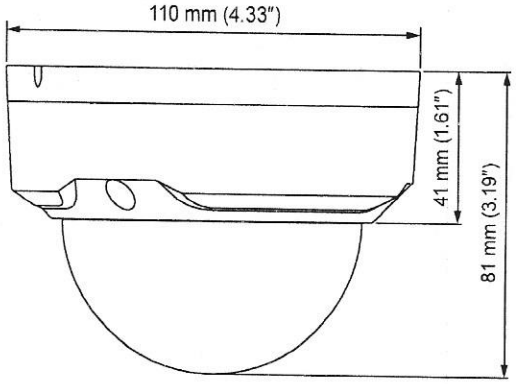
SYSTEM COMPATIBILITY	
HEN*4	8/16/32/64-channel Focus 4K NVRs (H.264/H.265)
HEN*2	4/8/16-channel Performance Series NVRs (H.264)

MOUNTS AND ACCESSORIES		
HQA-WK		Wall Mount
HQA-PM2**		Pole Mount Bracket
HB34S2-CM**		Corner Mount Bracket
HQA-BB2		Junction Box

* Pre-installed storage (1 GB).

** The HQA-BB2 junction box must be used when installing the camera to HQA-PM2 or HB34S2-CM.

DIMENSIONS



ORDERING

H4W4PER3	Network WDR 4 MP IR Rugged Mini Dome Camera, 1/3" CMOS, 2.8 mm Fixed, 24 IR LEDs, PoE, H.265+

For more information
www.honeywell.com/security

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

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November 2017
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