HUS-NVR-1032 v.2.0

32-CHANNEL NETWORK VIDEO RECORDER

Honeywell HUS-NVR-1032 v.2.0 is a 32-channel network video recorder (NVR) that supports real-time video/audio, live viewing and playback. It can also be applied as an IP storage device in large-scale deployments. Utilizing the H.264 decoding technology, the HUS-NVR-1032 v.2.0 delivers superior video quality for advanced surveillance applications.

High Quality Image Recording
The HUS-NVR-1032 v.2.0 supports 4-channel real-time recording at 3-Megapixel, 8-channel at 1080P, 16-channel at 720P and 32-channel at D1 to fulfill different image quality requirements. With 1080P HDMI output, BNC and VGA output, the HUS-NVR-1032 v.2.0 is ideal for high quality security monitoring systems.

Easy Installation
This feature-rich NVR combines the latest video recording technologies with a number of user-friendly functionalities in order to enhance the overall surveillance experience. The Setup Wizard is dedicated for first-time installation effectiveness. IP cameras can be easily imported via the One-Click Import function to facilitate the overall installation process.

Easy Operation
Local or remote operations include configurations, live and recorded video monitoring, as well as system management can all be done in a single desktop client interface. The intuitive interface contains quick buttons of many commonly-used functions for easy access and hassle-free operation. Desired video clips can be exported to USB just by clicking the export button, adding flexibility and efficiency on event investigation.

Keeping Operation Stable
The HUS-NVR-1032 v.2.0 supports dual gigabit network for enhanced network data transmission stability. Three options are available for different applications - "Failover" for protecting the NVR from network failure and/or downtime; "Load Balance" to distribute network load to different Ethernet interfaces; "Standalone" for standalone application.

Easy Maintenance
Maintenance is also fairly simple. Featuring Hot Swap technology, it is not necessary to switch off the HUS-NVR-1032 v.2.0 for HDD replacement. Maintenance is more efficient with the System Status function, which shows the status of network, CPU and memory so that operators are able to check the capability of the system anytime.

For Standalone Applications or Integration
The HUS-NVR-1032 v.2.0 can be implemented as a standalone solution and can be integrated into large multi-site deployments. By integrating it with Honeywell Universal Surveillance (HUS) smart IP platform, the HUS-NVR-1032 v.2.0 performs recording, live view, playback, configuration, PTZ control, many functions. Multiple NVRs can be connected via central management software - NVR Viewer v.1.0 or HUS Viewer v.2.0 . Mobile access is also available with the use of HonView Touch app.

ONVIF S

Quick Setup   One-Click Import   Health Check

Hot Swap **Technology**
Hot Swap Technology   HDD Front Panel

Mobile App   NVR Viewer v.1.0 / HUS Viewer v.2.0

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A Powerful Storage Device

Apart from recording, the HUS-NVR-1032 v.2.0 is also a powerful storage solution. Up to 8 hard disks can be added for audio and video storage. Storage capacity can be expanded by installing an eSATA disk cabinet with up to 64TB.

Market Opportunities

Featuring real-time recording up to 3-Megapixel resolution, the HUS-NVR-1032 v.2.0 is an ideal solution for full high definition surveillance. With various user-friendly functions, the HUS-NVR-1032 v.2.0 is most suitable for pure digital applications or to bridge the existing analog system to an IP platform. It can be used as a standalone solution or function as distributed storage in multi-site architecture, which is ideal for mid- to large-scale applications in commercial buildings, factories, shopping centers, hospitals, chain stores etc.

FEATURES

- Real-time recording: up to 32 channels @ D1 / 16 channels @ 720P / 8 channels @ 1080P / 4 channels @ 3-Megapixel
- Live view: 16 channels @ D1 / 8 channels @ 720P / 4 channels @ 1080P / 1 channel @ 3-Megapixel
- H.264 high quality decoding
- 1 / 4 / 6 / 8 / 9 / 16/ 32-channel display mode
- 4-channel simultaneous playback, 30s instant playback
- Up to 32TB storage with SATA interface and e-SATA up to 64TB storage
- Intelligent event-trigger recording and alarm linkage; flexible schedule alarm configuration
- Remote IP camera setup and image enhancement
- Automatic IP search and "One-Click" IP camera import
- Hot swap technology for quick and easy HDD replacement
- Disk space quota for different IP cameras to help store critical video for longer time
- E-signature (watermark) verification by ONVIF Player to protect against video tampering
- Dual Ethernet bonding supports three work modes: Standalone, Failover (to protect from network failure), Load balance (to distribute network load to different Ethernet interfaces)
- Defog function reduces blurring and improves image clarity
- Electronic Image Stabilizer (EIS) minimizes blurring and compensates camera shaking to deliver improved image quality
- Compatible with the following Honeywell products:
  - Honeywell Universal Surveillance (HUS), built-in web browser, NVR Viewer v.1.0 and HUS Viewer v.2.0 central management software, and HonView Touch mobile access
  - Honeywell IP cameras - HICC, HIDC, HIVDC, HIPTZ, HISD, HSD, HIVFC cameras; HEICC, HEIPTZ explosion-proof cameras
  - HUSS-E4V 4-channel dual D1 encoder (via HUS or HUS VIEWER v.2.0)
  - HUS-D1X, HUS-D4X HDMI decoder; HUS-D4-E-Pro decoder (via HUS or HUS VIEWER v.2.0)
  - HJC5000 joystick keyboard (via HUS or HUS Viewer v.2.0)
- Support ONVIF Profile S, HTTPS

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SPECIFICATIONS

Model	HUS-NVR-1032 v.2.0
Operating System	LINUX
Processor	High-performance dual-core microprocessor
ONVIF Compliance	ONVIF Profile S
Video Input	32 channels @ D1 / 16 channels @ 720P / 8 channels @ 1080P / 4 channels @ 3M
Monitor Output	1 HDMI (1920 x 1080, 1280 x 1024), 1 VGA (1920 x 1080, 1280 x 1024), 1 BNC (800 x 600)
Video Standard	PAL or NTSC
Video Codec	H.264, MJPEG
Video Recording	32 channels @ D1 / 16 channels @ 720P / 8 channels @ 1080P / 4 channels at 3M real-time
Multi-screen layout	1 / 4 / 6 / 8 / 9 / 16 / 32-channel display mode
Audio Input	Audio input with video streams
Motion Detection	Support
Alarm Event	Recording, PTZ preset, Alarm, Buzzer, Screen tips, Email
Alarm Input	16 alarm inputs (rear panel), 32-ch alarm inputs (IP camera)
Alarm Output	4 outputs
HDD	Hot swap, 8 SATA HDD, up to 32TB; 2 eSATA up to 64TB
Backup	USB storage device, Network download
HDD Management	HDD quota, HDD faulty alarm
Recording Mode	Manual, Schedule, Motion detection trigger and Alarm trigger
Search Mode	Date/Time, Event (Alarm, Motion detection), Accurate search (to second), Log link
Playback	1/4 channel simultaneous playback (Forward / Reverse, Fast playback, Slow playback, Freeze, Full screen, Shuffle, Backup selection). Up to 4 channel Instant Playback for 30s duration.
Digital Zoom	Digital zoom in live view and playback
Protocol Support	HTTP/HTTPS, TCP/IP, RTSP, UDP, NTP, DHCP, IP Search
Remote Control Function	Monitor, PTZ control, Playback, Configuration, File download, Log information, firmware upgrade
E-Signature (Watermark)	Verified via ONVIF Certification
User	32 users simultaneously
Network Interface	2 RJ-45 port (10/100M/1000M)
USB Interface	3 USB 2.0 ports
Serial Interface	1 RS-232
PTZ Control Interface	1 RS-485
OSD	English, Simplified Chinese, Traditional Chinese, Korean
Power Input	100~240 V AC, 50/60 Hz
Power Consumption	50W (without HDD / Approx. 150W with 8 x 13W HDD)
Operating Temperature	-10°C ~ 55°C
Relative Humidity	20% - 80%
Dimensions	482mm (W) x 478mm (L) x 91mm (H) (2U)
Weight	Gross weight: 11.5 kg / Net weight: 9.3 kg
Mounting	Desktop or Rack
Certification	CE, FCC, CCC, MA, BSMI

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

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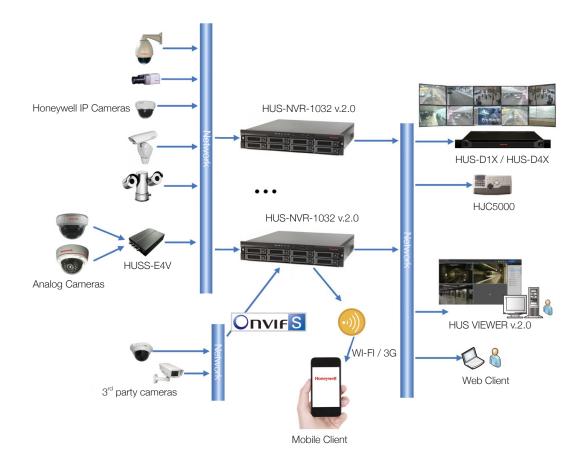
SYSTEM CONNECTION

HUS-NVR-1032 v.2.0 + HUS

HUS-NVR-1032 v.2.0

32-CHANNEL NETWORK VIDEO RECORDER

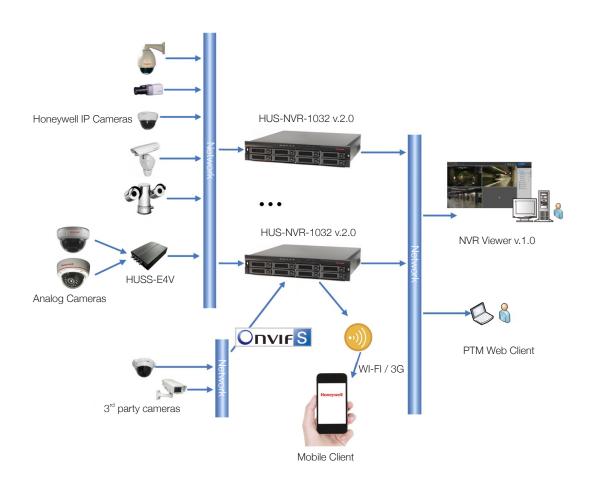HUS-NVR-1032 v.2.0 + HUS VIEWER v.2.0

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32-CHANNEL NETWORK VIDEO RECORDER

HUS-NVR-1032 v.2.0 + NVR Viewer v.1.0

PACKAGE

Qty	Components
1	HUS-NVR-1032 v.2.0
1	Network Cable
1	Power Cord
1	CD (User manual, Installation guide, NVR Viewer v.1.0 central management software, One-Click Import tool)

*HUS VIEWER v.2.0 is also a free central management software and will be delivered by request. Contact Honeywell Security sales office for more information.
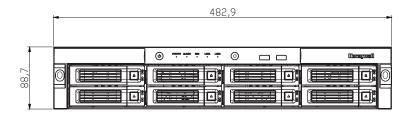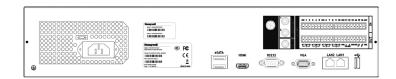
HUS-NVR-1032 v.2.0

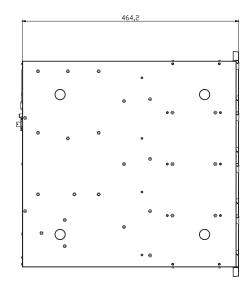www.asia.security.honeywell.com

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Dimensions

Front Panel

Rear Panel

Unit: mm

ORDERING

HUS-NVR-1032-E	32-ch D1 / 16-ch 720P / 8-ch 1080P / 4-ch 3M, 8HDDs max 24TB, 2 eSATA max 64TB, Hot Swap, 2 1000M Ports, ONVIF, Overseas power cords
HUS-NVR-1032-C	32-ch D1 / 16-ch 720P / 8-ch 1080P / 4-ch 3M, 8HDDs max 24TB, 2 eSATA max 64TB, Hot Swap, 2 1000M Ports, ONVIF, China power cords

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For more information:

Security Asia Pacific Headquarters	Tel: (86) 21 2219 6888	Security Indonesia	Tel: (62 21) 536 52322
Security Australia Sales Hotline	Tel: 1300 234 234	Security Korea	Tel: (82) 2 799 6114
Security China Sales Hotline	Tel: 400-8800-330	Security Singapore	Tel: (65) 6355 2828
Security Hong Kong	Tel: (852) 2405 2323	Security Taiwan	Tel: (886) 2 2245 1000
Security India	Tel: (91) 124 497 5000	Security Thailand	Tel: (66) 2 693 3099

www.asia.security.honeywell.com
security.ap@honeywell.com

Honeywell Security Group
Automation & Control Solutions
Honeywell International Inc.
www.security.honeywell.com

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