

## HUS-NVR-7064/7128H-D

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### 64-/128-CHANNEL 1080P H.265 NETWORK VIDEO RECORDER

Honeywell HUS-NVR-7064H-D / HUS-NVR-7128H-D NVRs are 64-/128-channel 1080P network video recorder (NVR) for real-time video/audio. With 24 HDD trays, the NVRs support up to 64-/128-channel video retention for approximately 30 days or more. Utilizing the H.265/H.264 codec technology, the HUS-NVR-7064H-D / HUS-NVR-7128H-D deliver superior video quality for advanced surveillance applications.

#### **High Quality Image Recording**

The HUS-NVR-7064H-D supports 64 channels at 1080P and 128 channels at 720P; the HUS-NVR-7128H-D supports 128 channels at 1080P and 256 channels at 720P to fulfill different image quality requirements. In addition, the NVRs support 4K, 5MP, 3MP and other high definition resolutions that is ideal for advanced and accurate surveillance and identifications. The latest H.265 technology further enhances the compression capability to save storage space resulting in saving storage costs efficiently in the long run.

#### **High Level Data Protection**

The HUS-NVR-7064H-D / HUS-NVR-7128H-D are equipped with advanced hardware RAID 0/1/5/6/10 storage for instant and automatic data duplication, making it an efficient data protection against disk failure and unrecoverable read errors. Such advanced data security minimizes opportunity of video loss, maintenance requirements and costs.

#### **Easy Operation**

Remote operations including configurations, live and recorded video monitoring, as well as system management can all be done in a single desktop client interface. Desired video clips can be exported to USB just by clicking the export button on remote client, adding flexibility and efficiency on event investigation.

#### **Keeping Operation Stable**

The HUS-NVR-7064H-D / HUS-NVR-7128H-D support 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.

The NVRs are equipped with two power supplies, each of which is capable of supplying the power to the NVR independently. If one of the power supplies fails, the other one will take over to ensure stable operation without shutting down the NVR.

An N+1 redundancy storage solution can be deployed by multiple HUS-NVR-7064H-D / HUS-NVR-7128H-D without any upper platforms. If one of the operating NVRs is malfunction, the redundant NVR will replace it automatically to receive and save data from IP cameras, until the original NVR is recovered.

The network failure recovery (NFR) function is designed to minimize the risk of video loss when network failure happens. IP cameras (with edge storage function) will record video until the network is recovered, and recorded videos will transfer from the camera to the NVR automatically without manual configurations.



HUS-NVR-7064H-D



HUS-NVR-7128H-D



Expansion array  
HUS-NVR-EC24(-D)



HonView Touch mobile app



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#### **Easy Maintenance**

Maintenance is also fairly simple. Featuring Hot Swap technology, it is not necessary to switch off the NVR 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-7064H-D / HUS-NVR-7128H-D 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-7064H-D / HUS-NVR-7128H-D perform recording, live view, playback, configuration, PTZ control, and many other functions. Multiple NVRs can be connected via central management software - Honeywell NVR Viewer v.3.0 software. Mobile access is also available with the use of HonView Touch app.

#### **A Powerful Storage Device**

Apart from recording, HUS-NVR-7064H-D / HUS-NVR-7128H-D are also a powerful storage solution. Up to 24 hard disks can be installed for audio and video storage. Storage capacity can be expanded by installing 1 SAS disk cabinets with up to 144TB storage.

#### **Market Opportunities**

Featuring real-time recording up to 4K high resolution, the HUS-NVR-7064H-D / HUS-NVR-7128H-D are ideal for full high definition surveillance. With various user-friendly functions, these NVRs are most suitable for pure digital applications or to bridge the existing analog system to an IP platform. It is an embedded RAID solution for high operation efficiency. It can be used as a standalone solution or function as distributed storage in centralized storage architecture, which is ideal for mid- to large-scale applications in commercial buildings, transportation, airport, factories, shopping centers, hospitals etc.

#### **FEATURES**

- HUS-NVR-7064H-D
  - Maximum 256Mbps incoming bandwidth and 256Mbps outgoing bandwidth
  - Up to 64 channels 1080P @ 4Mbps, 128 channels 720P @ 2Mbps real-time recording
- HUS-NVR-7128H-D
  - Maximum 512Mbps incoming bandwidth and 512Mbps outgoing bandwidth
  - Up to 128 channels 1080P @ 4Mbps, 256 channels 720P @ 2Mbps real-time recording
- H.265 video compression format - saves bandwidth and storage
- 24 bay HDDs, up to 144TB storage with SATA interface
- Hardware RAID 0, 1, 5, 6, 10, to protect video data
- N+1 redundancy to ensure continuous operation
- Support SAS to expand storage space, up to 144TB
- ONVIF Profile S Conformance
- Network failure recovery (NFR) function between IP cameras (with edge storage) and NVR to minimize the risk of video loss
- 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
- 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 mode: Standalone, Failover, Load balance
- Redundant power supply
- Virtual Disk for more flexible disk management
- Defog function reduces blurring and improves image clarity
- Electronic Image Stabilizer (EIS) minimizes blurring and compensates camera shaking to deliver improved image quality
- Hot swap technology for quick and easy HDD replacement
- Compatible with the following Honeywell products:
  - Honeywell Universal Surveillance (HUS), v.4.3.0 or above, built-in web browser, NVR Viewer v.3.0 and HonView Touch mobility access
  - Honeywell IP cameras – HICC, HICD, HIVDC, HIPTZ, HISS, HSD, HIVFC cameras; HEICC, HEIPTZ explosion-proof cameras
  - HUS-D1X, HUS-D4X decoder (via HUS or NVR Viewer)
  - HJC5000 joystick keyboard (via HUS or NVR Viewer)
  - HUS-NVR-EC24(-D) video storage expansion array supports maximum 144TB with 24 HDDs. SAS 4 x 6Gb, RAID, Hotswap, single / dual power

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## 64-/128-CHANNEL 1080P H.265 NETWORK VIDEO RECORDER

### SPECIFICATIONS

Model	HUS-NVR-7064H-D	HUS-NVR-7128H-D
Operating System	LINUX	
Processor	Intel® Haswell	
Memory	8GB DDR3	
ONVIF Compliance	ONVIF Profile S	
Video Input	64 channels 1080P @ 4Mbps / 128 channels 720P @ 2Mbps	128 channels 1080P @ 4Mbps / 256 channels 720P @ 2Mbps
Transmission	64 channels 1080P @ 4Mbps / 128 channels 720P @ 2Mbps	128 channels 1080P @ 4Mbps / 256 channels 720P @ 2Mbps
Recording Resolution	4K, 5MP, 3MP, 1080P, 720P, 960H, D1	
Video Codec	H.265, H.264, MJPEG	
Video Recording	64 channels 1080P @ 4Mbps / 128 channels 720P @ 2Mbps	128 channels 1080P @ 4Mbps / 256 channels 720P @ 2Mbps
Audio Input	Audio input with video streams	
Motion Detection	Supported	
Alarm Event	Recording, PTZ preset, Alarm, Screen tips and Email	
HDD	Hot swap, 24 bays SATA HDD, up to 144TB storage, 1 SAS up to 144TB	
RAID	RAID 0, 1, 5, 6, 10, global HDD Hot standby, RAID5 expansion	
HDD Management	HDD quota, virtual disk, HDD faulty alarm	
Recording Mode	Manual, Schedule, Motion detection trigger, Alarm trigger	
Search Mode	Date/Time, Event (Alarm, Motion detection), Accurate search (to second), Log link	
E-Signature (Watermark)	Verified via ONVIF Certification	
Protocol Support	HTTP/HTTPS, TCP/IP, RTSP, UDP, NTP, DHCP, IPC Search	
Remote Control Function	Monitor, PTZ control, Playback, Configuration, File download, Log information, firmware upgrade	
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	
SAS	1 mini SAS port	
OSD	English, Simplified Chinese, Traditional Chinese, Korean	
Compatible Platforms	Honeywell Universal Surveillance (HUS) 4.3.0 or above; NVR Viewer v3.0 web browser; HonView Touch mobile app	
Compatible Devices	Honeywell IP cameras – HICC, HICD, HIVDC, HIPTZ, HISD, HSD, HIVFC cameras; HEICC, HEIPTZ explosion-proof cameras, HUS-D1X, HUS-D4X decoder (via HUS or NVR Viewer); HJC5000 joystick keyboard (via HUS or NVR Viewer)	
Power Input	100~240 V AC, 50/60 Hz	
Dual Power	Dual Power	
Power Consumption	200W (without HDD) ; 500W (full load)	
Operating Temperature	10°C ~ 35°C	
Relative Humidity	20% - 80%	
Dimensions	660 (L) x 465 (W) x 177 (H) mm, standard 4U height	
Weight	30kg	
Mounting	Rack	
Certificate	CE, FCC	

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

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### 64-/128-CHANNEL 1080P H.265 NETWORK VIDEO RECORDER

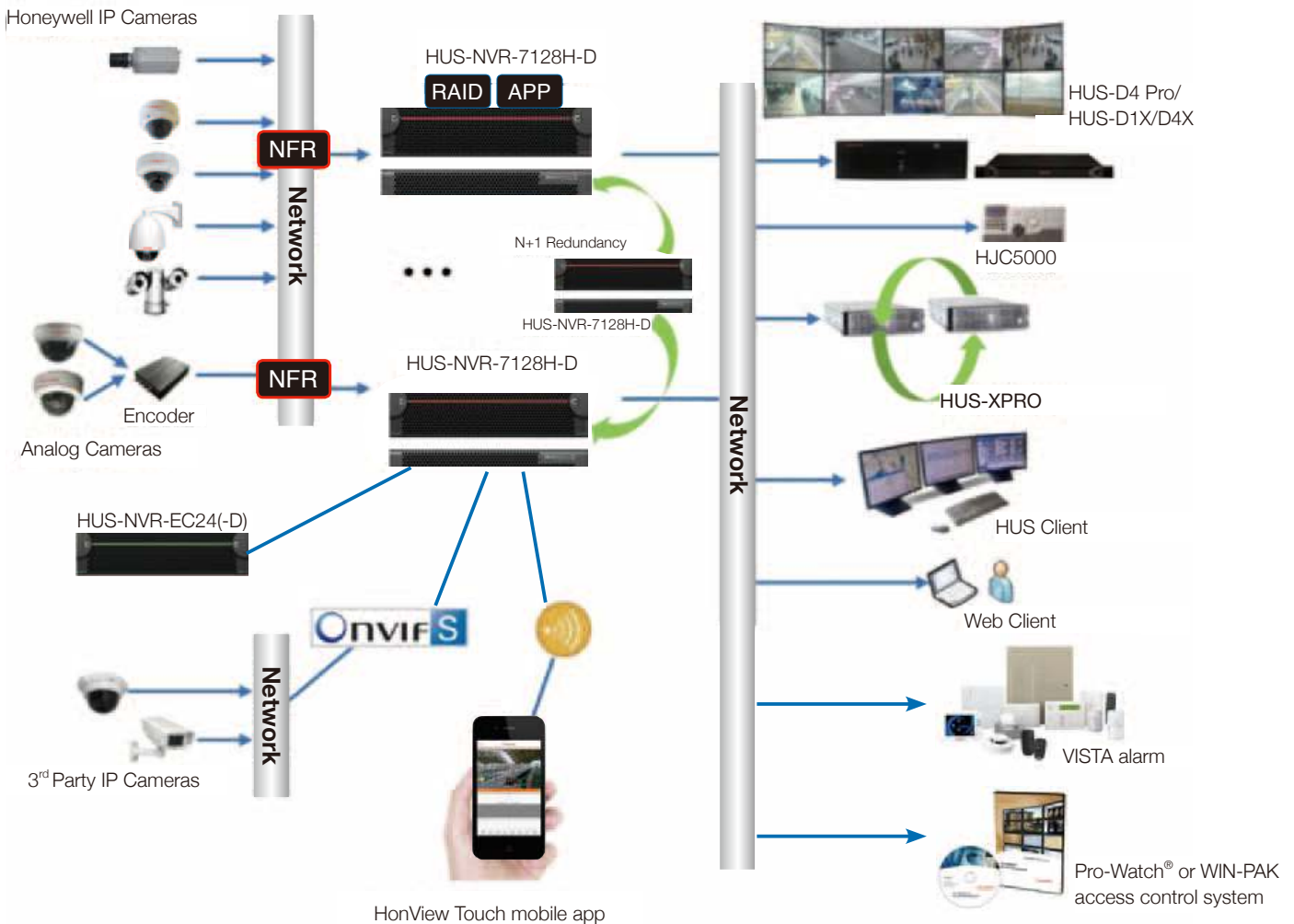
#### HUS-NVR-EC24(-D)

Video Storage Expansion Array

Model	HUS-NVR-EC24	HUS-NVR-EC24-D
Interface	1 Mini SAS Port	
HDD	Hot swap, 24 bays SATA HDD, up to 144TB storage	
Dual Power	---	Dual power
Power Consumption	200W (without HDD)	
Power Input	100-240V AC, 50/60Hz	
Operating Temperature	10°C ~ 40°C	
Relative Humidity	20% ~ 80%	
Dimensions	660 (L) x 465 (W) x 177 (H) mm, standard 4U height	
Mounting	Rack	
Certificate	CE, FCC	

### SYSTEM CONNECTION

#### HUS-NVR-7064H-D / HUS-NVR-7128H-D + HUS Smart IP Surveillance Platform

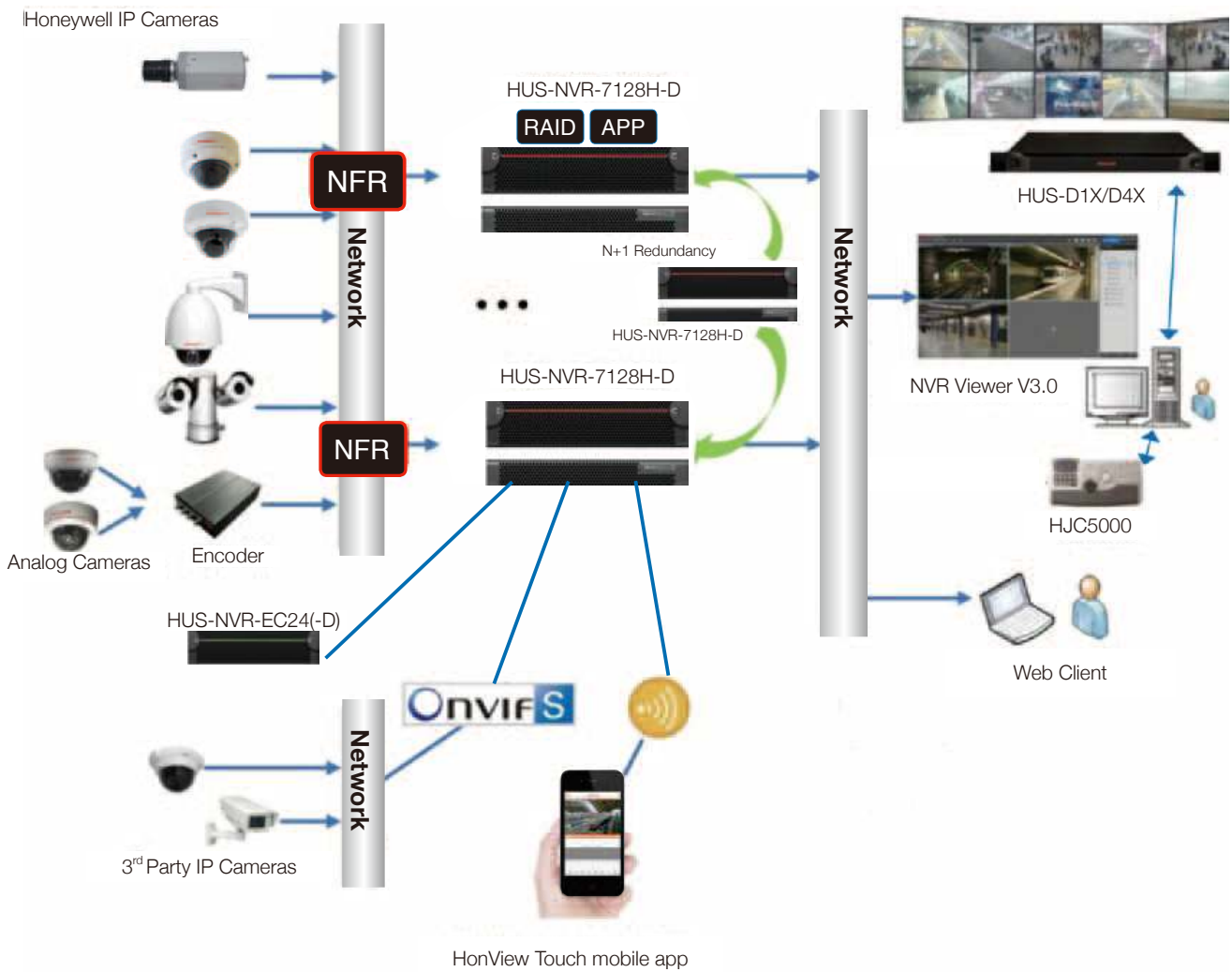


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HUS-NVR-7064H-D / HUS-NVR-7128H-D + NVR Viewer V3.0

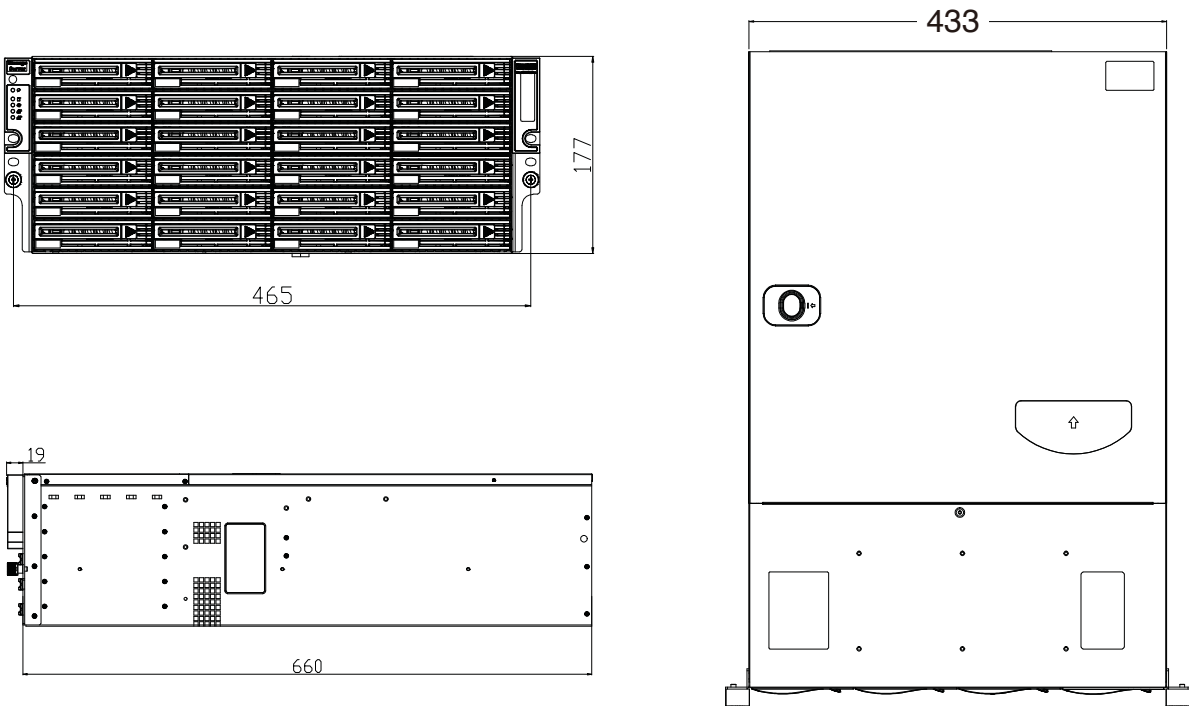


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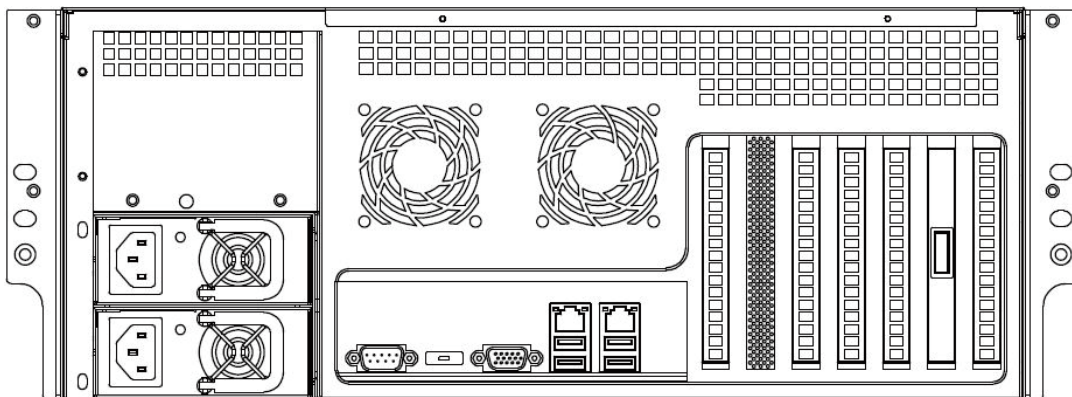
### DIMENSIONS



Unit: mm

### REAR PANEL

HUS-NVR-7064H-D / HUS-NVR-7128H-D



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#### ORDERING

HUS-NVR-7064H-D	64CH @ 1080P / 128CH @ 720P HUS NVR, 24 HDDs max 144TB, RAID, Hot Swap, 1 SAS, 2 1000M Ports, ONVIF, N+1 Redundancy, NFR with Camera, Dual Power
HUS-NVR-7128H-D	128CH @ 1080P / 256CH @ 720P HUS NVR, 24 HDDs max 144TB, RAID, Hot Swap, 1 SAS, 2 1000M Ports, ONVIF, N+1 Redundancy, NFR with Camera, Dual Power

#### Expansion Array

HUS-NVR-EC24	Video storage expansion array, 24 HDDs max 144TB, SAS 4 x 6Gb, RAID, Hot Swap, Single Power
HUS-NVR-EC24-D	Video storage expansion array, 24 HDDs max 144TB, SAS 4 x 6Gb, RAID, Hot Swap, Dual Power

#### ORDERING

NVR-7064H-D	64CH @ 1080P / 128CH @ 720P HUS NVR, 24 HDDs max 144TB, RAID, Hot Swap, 1 SAS, 2 1000M Ports, ONVIF, N+1 Redundancy, NFR with Camera, Dual Power
NVR-7128H-D	128CH @ 1080P / 256CH @ 720P HUS NVR, 24 HDDs max 144TB, RAID, Hot Swap, 1 SAS, 2 1000M Ports, ONVIF, N+1 Redundancy, NFR with Camera, Dual Power

#### Expansion Array

NVR-EC24	Video storage expansion array, 24 HDDs max 144TB, SAS 4 x 6Gb, RAID, Hot Swap, Single Power
NVR-EC24-D	Video storage expansion array, 24 HDDs max 144TB, SAS 4 x 6Gb, RAID, Hot Swap, Dual Power

# HUS-NVR-7064/7128H-D

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RECORDER

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