

# DHI-NVR1108HS-S3/H

8 Channel Compact 1U Lite H.265 Network Video Recorder



- New 4.0 user interface
- P2P remote surveillance, video play on mobile device
- 4-ch@1080P(30FPS), self-adaptive decoding capability
- Support for mainstream cameras of ONVIF and RTSP protocol
- Smart H.265+/Smart H.264+/H.265/H.264
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 1080P
- Remote configuration and management of IPCs, such as setting pa rameters, acquiring information and upgrading IPCs of the same model in batches
- DHCP(Dynamic Host Configuration Protocol), HTTP(Hypertext Transfer Protocol), NTP(Network Time Protocol) and DDNS(Dynamic Domain Name System)

#### System Overview

This network video recorder is a highly cost-effective product, providing functions such as local live view, multi-screen display, real-time storage on local HDD, fast operation by mouse, and remote management and control.

### Functions

#### New User Interface

Local and web interfaces adopt the new UI 4.0 style which is more consistent with users' habits. Functional modules are divided clearer and easier to understand.

#### Decoding (Smart H.265+/Smart H.264+)

Dahua smart encoding (H.265+/ H.264+) is the optimized implementation of (H.265/H.264) codec that uses a scene-adaptive encoding strategy, providing more efficiency in the encoding process and higher video quality, and reducing the cost of storage and transmission significantly.

This NVR supports the corresponding decoding.

#### **Security Center**

Security Center provides a whole picture of device security and helps protect the NVR with security scan, attack defense, certificate management, audio and video encryption and security settings. Security warnings will be sent trough many ways such as email, message, voice prompts.

# Scene

This NVR is suitable for places such as retail stores, families, courtyards and public areas.

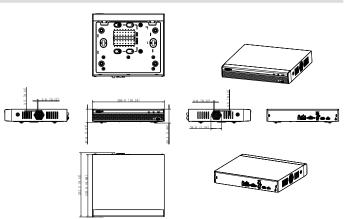
# NVR1000-S3/H Series | DHI-NVR1108HS-S3/H

## **Technical Specification**

System		
Main Processor	Industrial-grade embedded processor	
Operating System	Embedded Linux	
Operation Interface	Web/operating in local GUI	
Video		
Access Channel	8 channels	
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding.	
Resolution	8MP/5MP/4MP/3MP/1080P/720P/D1/CIF	
Decoding Capability	1–ch@8MP(30FPS) or 1–ch@5MP(30FPS) or 2–ch@4MP(30FPS) or 2–ch@3MP(30FPS) or 4– ch@1080P(30FPS)8–ch@720P(30FPS)	
Video Output	1 VGA/1 HDMI simultaneous video output, maximum resolution 1080P	
Multi-screen Display	1/4/8/9	
Third Party Camera Access	Onvif, RTSP	
Compression		
Video	Smart H.265+/Smart H.264+/H.265/H.264	
Audio	PCM/G711A/G711U/G726/AAC	
Network		
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS, P2P	
Mobile Phone Access	iDMSS(iOS), gDMSS(Android)	
Access Standard	ONVIF(profile T/profile S/profile G),CGI,SDK	
Browser	Chrome, IE9 or above, Firefox	
Record Playback		
Multi-channel Playback	Up to 8 channels playback	
Record Mode	Priority of record mode: Manual recording > alarm recording > motion detection recording > timed recording	
Storage	Local HDD and network	
Backup	USB device	
Playback Function	<ol> <li>Play, pause, stop, fast forward, fast backward, rewind, play by frame</li> <li>Full screen, backup (cut/file), partially enlarge, audio on/off</li> </ol>	
Alarm		
General Alarm	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm	
Anomaly Alarm	Front-end device going offline, storage error, full storage IP conflict, MAC conflict, login lock, network security anomaly	
Alarm Linkage	Video recording, snapshot, log, preset, tour	

External Port		
HDD	1 SATA 2.0 port, up to 8 TB for a single HDD. The maximum HDD capacity varies with environment temperature	
USB	1 front USB 2.0 port, 1 rear USB 2.0 port	
HDMI	1	
VGA	1	
RCA Input	1	
RCA Output	1	
Alarm	None	
Network	1 RJ-45 port (10/100 Mbps)	
General Parameter		
Power Supply	DC12V, 1.5A	
Power Consumption	Total output of NVR is $\leq$ 10W (without HDD)	
Net Weight	0.81 kg (1.79 lb)	
Gross weight	1.38 kg (3.04 lb)	
Product Dimensions	260 mm×225 mm×47.6 mm (W × L × H)	
Box Dimensions	87 mm×331 mm×312 mm (W × L × H)	
Operating Temperature	-10°C to 45°C (+34°F to +113°F)	
Storage Temperature	0°C to 40°C (+32°F to +104°F)	
Operating Humidity	10%~93%	
Storage Humidity	30%~85%	
Operating Altitude	3000 m (9843 ft)	
Installation	Desktop mounting	
Certification	CE/FCC	

# Dimensions (mm[inch])



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