

# DHI-NVR1108HC-S3

8 Channel Cooper 1U H.265 Network Video Recorder



- New 4.0 user interface
- Smart H.265+/ Smart H.264+
- P2P remote surveillance, video play on mobile device
- · 4-ch@1080P(25fps), self-adaptive decoding capability
- Supports mainstream cameras of ONVIF and RTSP protocol
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 1920×1080
- 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, remote management and control.

#### **Functions**

#### **New User Interface**

The new web and local GUI interface uses flat design 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.

## **Application**

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



Technical Specification	
System	
Main Processor	Industrial-grade embedded processor
OS	Embedded Linux
Operation Interface	Web/operating in local GUI
Video	
Access Channel	8 channels
Network Bandwidth	$40\mathrm{Mbps}$ for access, $40\mathrm{Mbps}$ for storage and $20\mathrm{Mbps}$ for forwarding.
Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/VGA/CIF
Decoding Capability	1-ch@6MP(25FPS) or 1-ch@5MP(25FPS) or 2-ch@4MP(25FPS) or 2-ch@3MP(25FPS) or 4-ch@1080P(25FPS) or 8-ch@720P(25FPS)
Video Output	$1\mathrm{VGA}/1\mathrm{HDMI}$ simultaneous video output, maximum resolution $1080\mathrm{p}$
Multi-screen Display	1/4/8/9
Third Party Camera Access	ONVIF, RTSP
Compression	
Video	Smart H.265+/H.265/Smart H.264+/H.264
Audio	G.711A/G.711U/PCM/G726
Network	
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, P2P $$
Mobile Phone Access	iDMSS (iOS)/gDMSS (Android)
Access Standard	ONVIF (profile S), 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

External Port	
HDD	1 SATA 2.0 port, up to 4 TB for a single HDD
USB	2 rear USB 2.0
HDMI	1
VGA	1
Network	1 RJ-45 port (10/100 Mbps)
General Parameter	
Power Supply	DC12V, 1.5A
Power Consumption	Total output power of NVR is $\leq$ 4W (without HDD)
Net Weight	0.50 kg (1.10 lb)
Gross weight	1.07 kg (2.36 lb)
Dimensions	197 mm × 198.45 mm × 41.5 mm (W × L × H) 7.76 inch × 7.81 inch × 1.63 inch (W × L × H)

96 mm  $\times$  364 mm  $\times$  261 mm (W  $\times$  L  $\times$  H)

-10°C to +45°C (+14°F to +113°F)

0°C to +40°C (+32°F to +104°F)

10%-90%

30%-85%

CE/FCC

5000 m (16404 ft)

Desktop mounting

3.78 inch × 14.33 inch × 10.28 inch (W × L × H)

# Dimensions (mm[inch])

**Packaging Dimensions** 

Operating Temperature

Storage Temperature

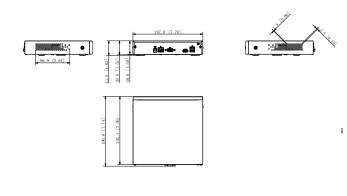
**Operating Humidity** 

Storage Humidity

Operating Altitude

Installation

Certification





Local HDD

USB device

play by frame

on/off

1. Play, pause, stop, fast forward, fast backward, rewind,

2. Full screen, backup (cut/file), partially enlarge, audio

Motion detection, privacy masking, video loss, IPC alarm Front-end device going offline, storage error, full storage,

IP conflict, MAC conflict, login lock, network security

Video recording, snapshot, log, preset point, tour

Storage Backup

Alarm General Alarm

Playback Function

**Anomaly Alarm** 

Alarm Linkage