

# DHI-NVR2108HS-8P-S2

8 Channel Compact 1U 4PoE Lite Network Video Recorder



- H.264+/H.264 codec decoding
- Max 80Mbps incoming bandwidth
- Up to 6Mp resolution preview&playback
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 8PoE ports
- 3D intelligent positioning with Dahua PTZ camera



### System Overview

Dahua's NVR2000-S2 is one of the NVRs which have the most reasonable price and best quality for IP video surveillance applications. This Lite series NVR provides up to 6MP resolution. It supports smart H.264 decoding, save up to 70% HDD space and storage. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and back up storage.

Designed as a low-cost, easy installation, this NVR is ideal for a wide range of applications such as home safety, grocery, wharehouse, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with IP cameras.

### Functions

#### Smart H.264+

Delivering high quality video without straining the network, Smart H.264+ is the optimized implementation of H.264. The Smart H.264+ encoding platform includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing a savings of up to 70% of bandwidth and storage when compared with standard H.264.

### Plug & Play

With the Smart Add function, the installation of IP system is as easy as an analog system, no matter the NVR with or without a PoE switch embedded. It should be noted that the NVR has to be in the same router as cameras.

ANR (Automatic Network Replenishment Technology)

Video record in SD card in IP cameras when the network breaks down, and after the network recovered, the video will be transferred to NVR and then recorded in it.

### Easy4ip

You can monitor at anytime and anywhere with Easy4ip. There are two modes Easy4ip web client and mobile app. With this function, you can manage your devices more convenient.



## Lite Series | DHI-NVR2108HS-8P-S2

### **Technical Specification** System Main Processor Dual-core embedded processor Embedded LINUX **Operating System** Audio and Video IP Camera Input 8 Channel Two-way Talk 1 Channel Input, 1 Channel Output, RCA Display Interface 1 HDMI, 1 VGA Resolution 1920×1080, 1280×1024, 1280×720, 1024×768 1/4/8/9 Multi-screen Display Camera title, Time, Camera lock, Motion detection, OSD Recording Recording Compression H.264+/H.264 Resolution 6Mp/5Mp/4Mp/3Mp/1080P/720P/D1&etc. **Record Rate** 80Mbps Bit Rate 16Kbps ~ 20Mbps Per Channel Manual, Schedule(Regular(Continuous), MD, Stop Record Mode 1~120 min (default: 60 min), Pre-record: 1~30 sec, **Record Interval** Post-record: 10~300 sec Video Detection and Alarm Recording, PTZ, Tour, Video Push, Snapshot, and Trigger Events Screen Tips Motion Detection, MD Zones: 396 (22 × 18), Video Detection and Tampering Alarm input N/A N/A Relay Output Playback and Backup 1/4/8 Sync Playback Time /Date, MD and Exact Search Search Mode (accurate to second) Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, **Playback Function** Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom Backup Mode USB Device/Network

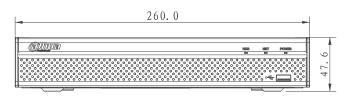
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
Network	
Interface	1 RJ-45 port (10/100Mbps)
Ethernet Port	1 Independent 100Mbps Ethernet Port
РоЕ	8 ports (IEEE802.3at/af)
Network Function	HTTP, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search(Support Dahua IP camera, DVR, NVS and etc.), Easy4ip
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
Storage	
Internal HDD	1 SATA III Port, up to 6TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	2 ports (1 Rear USB2.0, 1 Front USB2.0)
RS232	N/A
RS485	N/A
Electrical	
Power Supply	Single, DC48V/2A
Power Consumption	<4.5W (without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions(W×D×H)	Compact 1U, 260mm×224.9mm×47.6mm (10.2" x 8.9" x 1.9")
Net Weight	0.8kg (1.76 lb) (without HDD)
Gross Weight	1.6kg(3.53 lb)(without HDD)
Certifications	
CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014

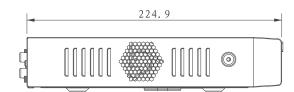
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### Ordering Information

Туре	Part Number	Description
8 Channel NVR	DHI-NVR2108HS-8P-S2	8 Channel Compact 1U 8PoE Lite Network Video Recorder
Accessories	N/A	N/A

### Dimensions (mm)





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