DHI-NVR4B04/4B08HC/E

4/8 Channel Cooper 1U H.265 Network Video Recorder



- · H.265+/H.264+ codec decoding
- Max 40Mbps/20Mpbs incoming/outgoing bandwidth
- Max 4/8 channel IP camera inputs
- Up to 6MP resolution preview&playback
- · Up to 1ch@6MP/4ch@1080P 25fps decoding
- · HDMI/VGA simultaneous video output



System Overview

ALPS 2.0 is perfect for small to medium size applications like home/ residential security, small retail shops, and other typical SMB applications. It offers a perfect alternative to migrate from analog to an IP system with its easy to use nature and cost effectiveness.

ALPS 2.0 is fully in line with Dahua's quality. Stable and reliable components are utilized and Various tests such as anti-vibration, water resistance, and aging tests are performed to ensure Dahua quality standards.

Functions

Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.

Automatic Network Replenishment (ANR) Technology

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

DMSS

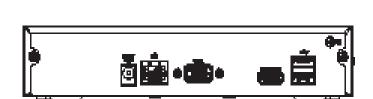
The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.



Technical Specification		Third-party Support	
System Main Processor	Dual-core embedded processor	Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
Operating System	Embedded LINUX	Network	
Audio and Video		Interface	1 RJ-45 port (10/100Mbps)
IP Camera Input	4/8 Channel		HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP,
Two-way Talk	N/A	Network Function	DHCP, DNS, IP Filter, IP Search(Support Dahua IP camera, DVR, NVS and etc.), P2P
Display		Optical Fiber Interface	N/A
Interface	1 HDMI, 1 VGA	Max. User Access	128 users
		Smart Phone	iPhone, iPad, Android
Resolution	1920×1080, 1280×1024, 1280×720	Interoperability	ONVIF ,SDK, CGI Conformant
Decoding Capacity	1ch@6MP 30fps, 4ch@1080P 25fps	Storage	
Multi-screen Display	4CH: 1/4	Internal HDD	1 SATA III Port, up to 4TB capacity for each HDD
	8CH: 1/4/8/9	HDD Mode	Single
OSD	Camera title, Time, Camera lock, Motion detection, Recording	eSATA	N/A
Recording		Auxiliary Interface	
Compression	H.265+/H.264+	USB	2 ports (2 Rear USB2.0)
Resolution	6MP/5MP/4MP/3MP/1080P/ 720P/ D1&etc.	RS232	N/A
Record Rate	40Mbps	RS485	N/A
Bit Rate	16Kbps ≈ 20Mbps Per Channel	Electrical	
Record Mode	Manual, Schedule (Regular (Continuous), MD, Stop	Power Supply	Single, DC12V/1.5A
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec,	Power Consumption	<2.57W (without HDD)
Post-record: 10~300 sec Video Detection and Alarm		Environmental	
Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and	Operating Conditions	-10°C~+45°C (+14°F~+113°F), 86~106kpa
	Screen Tips Motion Detection, MD Zones: 396 (22 × 18),	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Video Detection	and Tampering	Construction	
Alarm input	N/A	Dimensions(W×D×H)	Cooper 1U, 197mm×196.6mm×41.5mm (7.76" x 7.74" x 1.63")
Relay Output	N/A	Net Weight	1.15 kg (2.54 lb) (without HDD)
Playback and Backup		Gross Weight	1.65kg(3.64 lb)(without HDD)
Sync Playback	4CH: 1/4	Certifications	
	8CH: 1/4/9	CE	EN55032, EN55024, EN50130-4, EN60950-1
Search Mode	Time /Date, MD and Exact Search (accurate to second)	FCC	Part 15 Subpart B, ANSI C63.4-2014
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom		
Backup Mode	USB Device/Network		

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Ordering Information			
Туре	Part Number	Description	
4 Channel NVR	DHI-NVR4B04HC/E	4 Channel Cooper 1U H.265 Network Video Recorder	
8 Channel NVR	DHI-NVR4B08HC/E	8 Channel Cooper 1U H.265 Network Video Recorder	
Accessories	N/A	N/A	



Rear Panel

Dimensions (mm)

