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

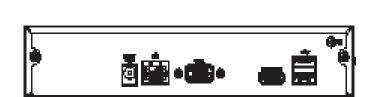
The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.



System Main Processor Dual-core embedded processor Operating System Embedded LINUX NetWork Audio and Video IP Camera Input 4/8 Channel Two-way Talk N/A Display Interface 1 HDMI, 1 VGA Resolution 1920x1080, 1280x1024, 1280x720 Multi-screen Display 4CH: 1/4 RCH: 1/4/8/9 OSD Camera Line, Cimer, Camera lock, Motion detection, Recording Resolution H.265x/H.264+ Bit Rate 1 6Kbps~20Mbps Per Channel Arecont Vision, AXIS, Bosch, CP Plus, Dynacolog, Honeywe Samsung, Sanyo, Sony, Video Sansung, Sanyo, Sony, Video Samsung, Sanyo, Sony, Video Sansung, Sansung, Sanyo, Sony, Video Sansung, Sansung, Sa	Brickcom Canon	
Operating System Embedded LINUX Network Audio and Video Interface 1 RJ-45 port (10/100Mbps) IP Camera Input 4/8 Channel Network Function Network Function Optical Fiber Interface N/A Optical Fiber Interface N/A Optical Fiber Interface N/A Display Interface 1 HDMI, 1 VGA Resolution 1920×1080, 1280×1024, 1280×720 Interoperability ONVIF, SDK, CGI Conformant Decoding Capacity 1 ch@6MP 30fps, 4ch@1080P 25fps Storage 4 CH: 1/4 RCH: 1/4/8/9 OSD Camera title, Time, Camera lock, Motion detection, Recording Compression H.265+/H.264+ Resolution 6MP/5MP/4MP/3MP/1080P/720P/D1&etc. Resolution GMP/5MP/4MP/3MP/1080P/720P/D1&etc. Resolution Interface 1 RJ-45 port (10/100Mbps) HTTP/HTTPS, TCP/IP, IPv4/IP HCD, DNS, IP Filter, IP Search Camera, DVR, NVS and etc.), IP Search Camera title, Time, Camera lock, IP Search Interface 1 RJ-45 port (10/100Mbps) HAX. User Access 1 28 users 1 28 users Storage Interoperability ONVIF, SDK, CGI Conformant Internal HDD 1 SATA III Port, up to 4TB cap HDD Mode Single OSD 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 Floctrical	ell, Panasonic, Pelco,	
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IP Camera Input 4/8 Channel N/A N/A Display Interface 1 HDMI, 1 VGA Resolution 1920×1080, 1280×1024, 1280×720 Multi-screen Display ACH: 1/4 8CH: 1/4/8/9 OSD Camera title, Time, Camera lock, Motion detection, Recording Compression H.265+/H.264+ Resolution 4/8 Channel N/A Network Function Network Function Detwork Function Max. User Access Smart Phone IPhone, iPad, Android Interoperability ONVIF, SDK, CGI Conformant Storage Internal HDD 1 SATA III Port, up to 4TB cap HDD Mode Single OSD Auxiliary Interface Compression H.265+/H.264+ Resolution GMP/SMP/4MP/3MP/1080P/ 720P/ D1&etc. RS232 N/A Flactrical		
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Resolution 6MP/5MP/4MP/3MP/1080P/ 720P/ D1&etc. RS232 N/A Record Rate 40Mbps RS485 N/A	Auxiliary Interface	
Record Rate 40Mbps RS485 N/A		
Flectrical		
Bit Rate 16Kbps ~ 20Mbps Per Channel Electrical		
Record Mode Manual, Schedule(Regular(Continuous), MD, Stop Single, DC12V/1.5A		
Record Interval 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec Power Consumption <2.57W (without HDD)		
Video Detection and Alarm Environmental	Environmental	
Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Operating Conditions -10°C ~ +45°C (+14°F ~ +113°F)	F), 86 ~ 106kpa	
Screen rips Storage Conditions -20°C ~ +70°C (-4°F ~ +158°F).	, 0 ~ 90% RH	
Video Detection Construction		
Alarm input N/A Dimensions(W×D×H) Cooper 1U, 197mm×196.6mm (7.76" x 7.74" x 1.63")	m×41.5mm	
Relay Output N/A Net Weight 1.15 kg (2.54 lb) (without HD)	D)	
Playback and Backup Gross Weight 1.65kg(3.64 lb)(without HDD))	
4CH: 1/4 Certifications		
Sync Playback CE EN55032, EN55024, EN50130	0-4, EN60950-1	
Search Mode Time /Date, MD and Exact Search (accurate to second) FCC Part 15 Subpart B, ANSI C63.4	4-2014	
Play, Pause, Stop, Rewind, Fast play, Slow Play, Next Playback Function File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom		
Backup Mode USB Device/Network		

ALPS 2.0 | DHI-NVR4B04/4B08HC/E

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)

