

DHI-NVR2104-P-4KS2

4 Channel Smart 1U 4PoE Lite 4K H.265 Network Video Recorder



- · H.265/H.264 codec decoding
- Max 80Mbps incoming bandwidth
- Up to 8Mp resolution preview&playback
- · Up to 1ch@8MP/4ch@1080P decoding
- · HDMI/VGA simultaneous video output
- · Support IPC UPnP, 4PoE ports











System Overview

Dahua NVR2000-4KS2 is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

Functions

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

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.

Easy4ip

The Easy4ip 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		Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco
Main Processor	Dual-core embedded processor	N	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 Channel	PoE	4 ports (IEEE802.3at/af)
Two-way Talk	1 Channel Input, 1 Channel Output, RCA	Network Function	HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search(Support E IP camera, DVR, NVS and etc.), Easy4ip
Display		Optical Fiber Interface	N/A
Interface	1 HDMI, 1 VGA		
	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720	Max. User Access	128 users
Resolution	VGA: 1920×1080, 1280×1024, 1280×720	Smart Phone	iPhone, iPad, Android
Danadina Canadita		Interoperability	ONVIF 2.4, SDK, CGI
Decoding Capacity Multi-screen Display	1ch@8MP 30fps, 4ch@1080P 30fps	Storage	
	Camera title, Time, Camera lock, Motion detection,	Internal HDD	1 SATA III Port, up to 6TB capacity for each HDI
OSD	Recording	HDD Mode	Single
Recording		eSATA	N/A
Compression	H.265/H.264	Auxiliary Interface	
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/D1&etc.	USB	2 ports (2 Rear USB2.0)
Record Rate	80Mbps	RS232	N/A
Bit Rate	16Kbps ≈ 20Mbps Per Channel	RS485	N/A
Record Mode	Manual, Schedule(Regular(Continuous), MD, Stop	Electrical	
De a and laten al	1~120 min (default: 60 min), Pre-record: 1~30 sec,	Power Supply	Single, DC48V/1.25A
Record Interval	Post-record: 10~300 sec		NVR: <5.3W (without HDD)
Video Detection and Ala		Power Consumption	PoE: Max 25.5w for single port, 50w in total
Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips	Environmental	
Video Detection	Motion Detection, MD Zones: 396 (22 \times 18), and Tampering	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Alarm input	N/A	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Relay Output	N/A	Construction	
Playback and Backup		Dimensions(W×D×H)	Smart 1U, 204.6mm×204.6mm×45.6mm (8.1" x 8.1" x 1.8")
Sync Playback	1/4	Net Weight	0.45kg (0.99 lb) (without HDD)
Search Mode	Time /Date, MD and Exact Search (accurate to second)	Gross Weight	1.5kg(3.31 lb)(without HDD)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom	Certifications	
		CE	EN55032, EN55024, EN50130-4, EN60950-1
Backup Mode	USB Device/Network	FCC	Part 15 Subpart B, ANSI C63.4-2014

Lite Series | DHI-NVR2104-P-4KS2

Ordering Information			
Туре	Part Number	Description	
4 Channel NVR	DHI-NVR2104-P-4KS2	4 Channel Smart 1U 4PoE Lite 4K H.265 Network Video Recorder	
Accessories	N/A	N/A	







