

NVRKIT4CH1T4MT-4

DAHUA 4 Channel 4x IP Camera Surveillance Kit

DESCRIPTION

DAHUA 4 Channel IP Surveillance Kit Includes 4 Port PoE NVR, 1TB HDD 4x 4MP, IP67, PoE D/N Turret Cameras



PC-HDW2431TP-AS



FEATURES

- 4MP, 1/3" CMOS image sensor
- Outputs 4MP (2560×1440)@25/30fps, Max. supports 4MP (2688×1520)@20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, Max IR distance: 30m
- ROI, SMART H.264/H.265
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Supports Max. 256 GB Micro SD card, built-in Mic
- 12V DC/PoE power support
- IP67 protection

With upgraded H.265 encoding technology, Dahua Lite series camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays better colourful image in the environment of low illumination. It supports SD card storage, waterproof function, dust-proof function, complying to the standards of IP67

SPECIFICATION

Camera					
Image Sensor		1/3" 4Megapixel progressive CMOS			
Effective Pixels		2688 (H) × 1520 (V)			
RAM / ROM		128MB/128MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual 1/3 s~1/100000 s			
Minimum Illumination		0.008 Lux @ F1.6			
Pan/Tilt/Rotation Range		More than 56dB			
IR Distance		Pan: 0°~360°, Tilt: 0°~78°, Rotation: 0°~360°			
IR On / Off Control		Auto/Manual			
IR LEDs		2			
Lens					
Lens Type		Fixed-focal			
Mount Type		M12			
Focal Length		2.8mm			
Max Aperture		F1.6, F1.6			
Angle of View		H: 106°/83°, V: 56°/44°			
Field of View		2.8mm: Pan: 102.0°, Tilt: 55.0°, Diagonal: 121.0°			
Iris Type		Fixed aperture			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	56m	22.4m	11.2m	5.6m

Smart Event	
General IVS Analytics	Tripwire; intrusion
Video	
Compression	H.265; H.264; H.264B; MJPEG
Smart Codec	Yes
Resolution	2688×1520 (2688×1520); 2560×1440 (2560×1440), 2304×1296 (2304×1296); 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1 (704×576/704×480); VGA (640×480); CIF (352×288/352 × 240)
Frame Rate	Main stream: 2688×1520 (1fps~20fps), 2560×1440 (1fps~25/30fps), Sub stream: 704×576 (1fps~25fps), 704×480 (1fps~30fps)
Stream Capability	2 streams
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32Kbps~6144Kbps, H.265: 12Kbps~6144Kbps
Day / Night	Auto (ICR)/Colour/B/W
BLC Mode	BLC/HLC/DWDR
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off/On (4 Zone, Rectangle)

Region of Interest	Off/On (4 Zone)
Smart IR	Support
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution and lower.)
Mirror	Yes
Privacy Masking	Off/On (4 Area, Rectangle)

Audio

Built-in MIC	Yes
Compression	G.711A; G.711Mu; G.726; AAC

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	Pv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour
Interoperability	ONVIF(Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
User/Host	20
Edge Storage	Dahua Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Web Viewer	IE, Chrome, Firefox
Management Software	Smart PSS; DSS; DMSS
Smart Phone	IOS; Android

Certifications

Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
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Electrical

Power Supply	12V DC PoE (802.3af) (Class 0)
Power Consumption	< 6.6W

Environmental

Operating Conditions	-40°C~+60°C/less than ≤ 95% RH
Storage Conditions	-40°C~+60°C
Protection	IP67

Construction

Casing	Metal + Plastic
Dimensions	100.9mm × Φ109.9mm
Net Weight	0.39kg
Gross Weight	0.56kg

NVR4108HS-P-4K



FEATURES

- Smart H.265+/H.265/Smart H.264+/H.264
- Max 80Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback
- Up to 2ch@4K/8ch@1080P decoding
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 4x PoE ports



DVR SPECIFICATION

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Video and Audio

IP Camera Input	4 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA

Display

Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	2ch@4K(30fps)/8ch@1080P(30fps)
Display Split	4CH: 1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Compression	Smart H.265+/H.265/Smart H.264+/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P
Record Rate	80Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~120min (default: 60min), Pre-record: 1~30sec, Post-record: 10~300sec

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering

Playback and Backup

Sync Playback	1/4
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
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

Network

Interface	1 RJ-45 Port (10/100Mbps)
Ethernet	1 Independent 100Mbps Ethernet Port
PoE	4 ports (IEEE802.3af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, SNMP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Interoperability	ONVIF 2.4, SDK, CGI

Storage

Internal HDD	1 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single

Auxiliary Interface

USB	2 ports (1 Rear USB2.0, 1 Front USB2.0)
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General

Power Supply	DC 48V/1.5A
Power Consumption	NVR: <7.5W (Without HDD) PoE: Max 25.5W for single port, 50W in total
Working Environment	-10°C~+55°C/10%~90%R H/86~106kpa
Dimension (WxDxH)	Compact 1U, 260mm×224.9mm×47.6mm
Weight	1.6KG (without HDD)

