

NVRKIT4CH4MP-E

DAHUA 4 Channel IP Surveillance Kit

DESCRIPTION

DAHUA 4 Channel IP Surveillance Kit Includes 4x Port PoE NVR, 1TB HDD 4x 4MP IP67 IK10 PoE D/N Mini Dome Cameras



IPC-HDBW1431E



FEATURES

- 1/3" 4Megapixel progressive CMOS
- H.264+ & H.264 dual-stream encoding
- 20fps@4M (2688x1520) & 25/30fps@3M (2304x1296)
- DWDR, Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- 2.8mm fixed lens
- Max IR LEDs Length 30m
- IP67, IK10, PoE



The IR Megapixel Fixed MiniDome camera delivers 4MP resolution with a 2.8mm wide angle lens options. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small to mid-size applications at an affordable price.

SPECIFICATION

Camera	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688 (H) x 1520 (V)
RAM / ROM	256MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3 (4)~1/100000s
Minimum Illumination	0.31Lux/F2.2 (Colour), 0Lux/F2.2 (IR on)
S/N Ratio	More than 56dB
IR Distance	Distance up to 30m (98ft)
IR On / Off Control	Auto/Manual
IR LEDs	12

Lens				
Lens Type	Fixed			
Mount Type	Board-in			
Focal Length	2.8 mm			
Max Aperture	F2.0/F2.2			
Angle of View	H: 106°/83°, V: 56°/44°			
Focus Control	Fixed			
Close Focus Distance	N/A			
DORI Distance	Detect	Observe	Recognize	Identify
	2.8mm	63m (207ft)	25m (43ft)	13m (43ft) 6m (20ft)

Video	
Compression	H.264+/H.264
Streaming Capability	2 Streams
Resolution	4M (2688x1520/2560x1440) / 3M (2304x1296) / 1080P (1920x1080) / 720P (1280x720) / D1 (704x576/704x480) / CIF (352x288/352x240)
Frame Rate	4M (1~20fps)/3M (1~25/30fps)/2M (1~25/30fps) / D1/CIF (1~25/30fps)
Bit Rate	H264H: 80K~10240Kbps
Day / Night	Auto (ICR)/Colour/B/W
BLC Mode	BLC/HLC/DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off/On (4 Zone, Rectangle)
Region of Interest	Off/On (4 Zone)
Electronic Image	Support
Smart IR	Support
Digital Zoom	16x

Flip	0°/90°/180°/270°
Mirror	Off/On
Audio Interface	N/A
Privacy Masking	Off/On (4 Area, Rectangle)
Audio	
Compression	N/A
Network	
Ethernet	RJ45 (10/100Base-T)
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multi-cast; ICMP; IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Uni-cast/Multi-cast
Max. User Access	10 Users/20 Users
Edge Storage	NAS (Network Attached Storage), Local PC for instant recording
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, hEasy4ip
Smart Phone	iPhone, iPad, Android Phone

Interface	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

Electrical	
Power Supply	12V DC PoE (802.3af) (Class 0)
Power Consumption	<4.3W

Environmental	
Operating Conditions	N/A
Storage Conditions	N/A
Ingress Protection	N/A
Vandal Resistance	N/A

Construction	
Casing	Metal
Dimensions	Φ109.9mmx81mm (4.33"x3.19")
Net Weight	0.34Kg (0.75lb)
Gross Weight	0.47Kg (1.04lb)

NVR4104H-P



FEATURES

- Record/View 4x Megapixel Cameras in FULL HD 1080P
- Power 4x Cameras via Built-in PoE Ports
- HDMI/VGA Output, 2x USB
- 1TB Storage (1000GB)



DVR SPECIFICATION

System	
Main Processor	Dual-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	1x HDMI, 1x VGA
Resolution	1920x1080, 1280x1024, 1280 x720, 1024x768
Display Split	1/4h
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264/MJPEG
Resolution	5Mp (2560 × 1920) / 3Mp (2048 × 1536) / 1080P (1920 × 1080) / 720P (1280 × 720) / D1 (704 × 576/704 × 480) h
Record Rate	80Mbps
Bit Rate	48~8192kbps
Record Mode	Manual, Schedule (Regular (Continuous), MD, Alarm), Stop
Record Interval	1~120min (default: 60min), Prerecord: 1~30sec, Post-record: 10~300sec

Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22x18), Video Loss & Camera Blank

Playback and Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & 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, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network/Internal SATA burner

Network	
Ethernet	1x RJ45 port (10/100Mbps)
PoE	4x ports (IEEE802.3af)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Internal HDD	1x SATA port, up to 4TB

Auxiliary Interface

USB	2x ports, USB2.0
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General

Power Supply	Single, 48V/1.5A DC
Power Consumption	NVR: 10W (without HDD) PoE: Max 25.5W for single port
Working Environment	-10°C~+55°C/10%~90%R H/86~106kpa
Dimension (WxDxH)	Mini 1U, 325mmx240mmx45mm
Weight	1.25KG (without HDD)

Certifications

Certifications	CE (EN 60950: 2000) UL: UL60950-1 FCC: FCC Part 15 Subpart B
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