

6MP HD IR Fixed Eyeball Network Camera

IPC3616LE-ADF28(40)KM-G



Key Features



- High quality image with 6MP, 1/2.7"CMOS sensor
- 6MP (3072*2048)@25fps; 5.3M (3072*1728)@30/25fps; 5MP (2880*1620)@25/20fps; 4MP (2560*1440)@25/20fps; 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- EasyStar technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

Specifications

	IPC3616LE-ADF28KM-G			IPC3616LE-ADF40KM-G		
Camera						
Sensor	1/2.7", 6.0 megapixel, progressive scan, CMOS					
Lens	2.8mm@F1.6			4.0mm@F1.6		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)		Recognize (m)	Identify (m)
	2.8	63.0	25.2		12.6	6.3
	4.0	90.0	36.0		18.0	9.0
Angle Of View (H)	97°			79.7°		
Angle Of View (V)	59.1°			47.9°		
Angle Of View (O)	109.7°			88.0°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s					
Minimum Illumination	Support Easystar: Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	>56dB					
IR Range	Up to 30m (98ft) IR range					
Wavelength	850nm					
IR On/Off Control	Auto/Manual					
Defog	Digital Defog					
WDR	120dB					
Video						
Video Compression	Ultra 265, H.265, H.264, MJPEG					
H.264 Code Profile	Baseline profile, Main profile, High profile					
Frame Rate	Main Stream: 6MP(3072*2048), Max 25fps; 5.3M (3072*1728), Max 30fps; 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;					
Video Bit Rate	128 Kbps~16 Mbps					
9:16 Corridor Mode	Supported					
OSD	Up to 4 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					
Image						
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2					
Digital noise reduction	2D/3D DNR					
Smart IR	Supported					
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise					
Dewarping	N/A					
HLC	Supported					
BLC	Supported					

Smart

Behavior Detection	Cross line, intrusion(based on human body detection)
	motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication

Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+

Audio

Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ

Storage

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)

Interface

Network	10/100M Base-TX Ethernet
Built-in Mic	Supported

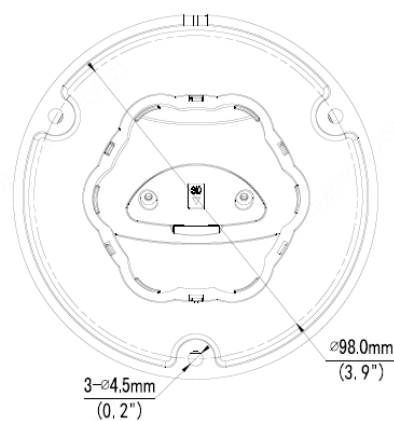
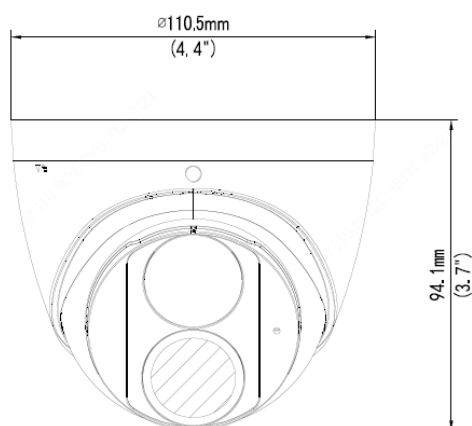
Certifications

Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
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General

Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 6.0W
Dimensions (Ø x H)	Φ110.5 x 94.1mm (Φ4.4" x 3.7")
Net Weight	0.42kg (0.93lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Ingress Protection	IP67
Reset Button	N/A

Dimensions



Accessories

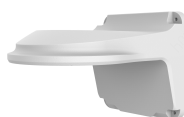
TR-JB03-G-IN



TR-JB07/WM03-G-IN



TR-WM03-D-IN



TR-UM06-E-IN



TR-UP06-IN



TR-A01-IN



TR-SE24-IN

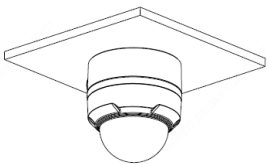
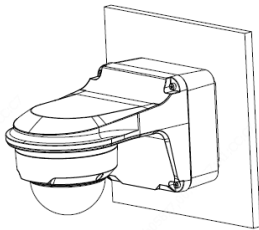
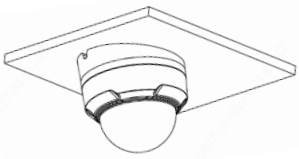
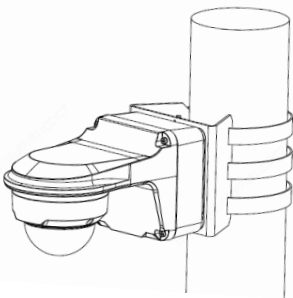
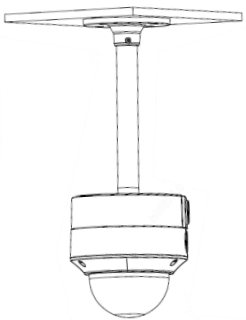


TR-SE24-A-IN



TR-CM24-IN



Junction Mount	Pole Mount
TR-JB03-G-IN	TR-JB07/WM03-G-IN
	
TR-UM06-E-IN	TR-JB07/WM03-G-IN+TR-UP06-IN
	
TR-CM24-IN+TR-JB03-G-IN	
	

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*Product specifications and availability are subject to change without notice.

Network Video Recorder

NVR501-B-P-IQ Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 4/16-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- VGA and HDMI simultaneous output
- Up to 16 Megapixels resolution recording
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Specifications

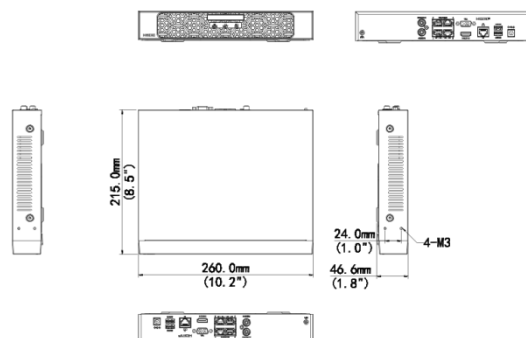
Decoding	Description
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	NVR501-04B-P4-IQ:Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30 NVR501-08B-P8-IQ:Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width

Audio Compression	G.711A, G.711U
Network	Description
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; RTSP; IPv6; IPv4
Browser(Plugin)	Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
Video/Audio Input	Description
IP Video Input	NVR501-04B-P4-IQ:4-ch NVR501-08B-P8-IQ:8-ch
RCA Audio Input	1-ch
Video/Audio Output	Description
Video Output	Support 1-ch HDMI, 1-ch VGA, HDMI and VGA simultaneous output
HDMI Output	4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Liveview Display	NVR501-04B-P4-IQ:1/4 NVR501-08B-P8-IQ:1/4/6/8/9
Corridor Mode Screen	NVR501-04B-P4-IQ:3/4 NVR501-08B-P8-IQ:3/4/5/7/9
Two-way Audio	Description
Two-way Audio	1-ch, RCA (Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	4-ch snapshot, up to 4K resolution
Recording	Description
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Num of Concurrent Playback	16-ch
Smart	Description

VCA Detection by IPC	Face Detection; face detection; Vehicle Detection; SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection (UMD); Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection); People Counting (People Flow Counting, Crowd Density Monitoring); Video Metadata; Traffic Monitoring
Smart by NVR	Face Detection; face detection; Smart Intrusion Prevention (SIP); Ultra Motion Detection (UMD)
VCA Search	Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map; SmartSearch+; AcuSearch
Smart by IPC	All channels (up to 8 images/s in total)Face Detection, face detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	4-ch
UMD by NVR	NVR501-04B-P4-IQ:4-ch NVR501-08B-P8-IQ:8-ch
Capacity of Snapshot Records	500 thousand records for face snapshot; One and a half millions records for SIP and vehicle
Alarm	Description
General Alarm	Defocus Detection; Scene Change Detection; Object Left Behind; Object Removed; Auto Tracking; Motion Detection; Tampering; Human Body Detection; Video Loss; Alarm Input; Audio Detection
Alert Alarm	IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal; Array Damaged; Array Degraded
GUI Language	Description
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
Hard Disk	Description
SATA	1 SATA Interface
Capacity	Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature and hard disk size)
External Interface	Description
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
Network Working Mode	Single port, not involved

USB	Front panel: 1 x USB2.0; Rear panel: 1 x USB3.0
RS485	N/A
RS232	N/A
Alarm In	N/A
Alarm Out	N/A
Power Supply	NVR501-04B-P4-IQ:DC 48V/1.35A NVR501-08B-P8-IQ:DC 52V/1.8A
PoE	Description
PoE Interface	NVR501-04B-P4-IQ:4 RJ45 10M/100M self-adaptive Ethernet Interface NVR501-08B-P8-IQ:8 RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	NVR501-04B-P4-IQ:Max 30W for single port, Max 50W in total NVR501-08B-P8-IQ:Max 30W for single port, Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
Working Environment	Description
Working Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HD D)	≤ 8W
Dimensions	Description
Weight (without HDD)	≤ 1Kg (2.2lb)
Height	1U
Dimensions	260mm × 215mm × 46.6mm (10.2" × 8.5" × 1.8")
Certification	Description
Certification	CE; FCC; UL; RoHS; WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15 Subpart B

Dimensions



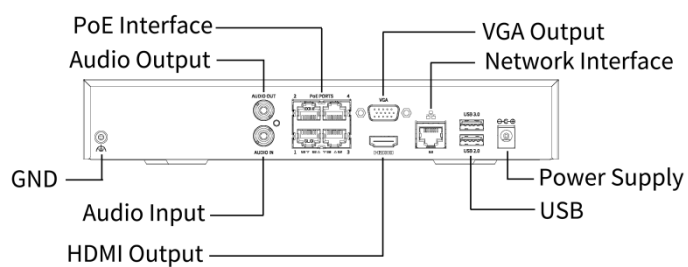
Accessories

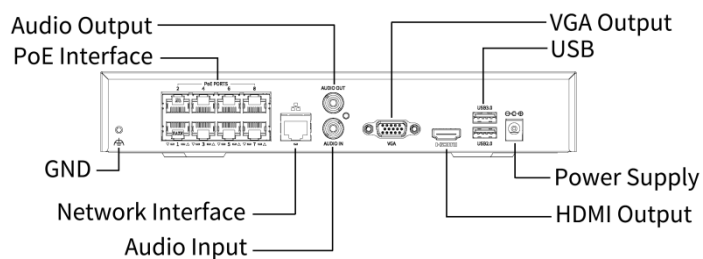
RM-1U-260

1 HDD 1U NVR Rack Mount



Rear Panel





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