KEDACOM

2.0MP HD Network Vandal-proof Varifocal Semi Dome Camera













Features

Excellent Image Quality

- 2.0 Megapixel 1/3" progressive scan CMOS Sensor
 High definition and smooth picture, 1080p@60fps
- H.264 high profile video codec, saves up to 30% bandwidth and storage
 Low illumination, 0.03lux with color picture
- 120dB Ultra WDR
- 3D noise reduction / Automatic Iris (-L1, -L2 only)

Vandal-Proof

- Above IK10 @ 50J collision energy

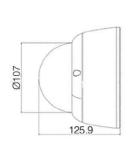
A Variety of Installation Modes

- Supports 90°, 180°, 270° image rotation Varifocal lens (-L1, -L2 only)

Abundant Functions and Features

- Supports Automatic Network Replenishment (ANR) Up to 4 video streams
- Bi-directional audio / alarm in and out / video out / RS485
- One click autofocus (-L2 only)
- PoF

Units: mm **Dimensions**





Specifications

Model	
_	IPC2231-DN (-L1, -L2, -L3, -L4)
Camera	
Image Sensor	1/3" progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.03lux @ (F1.2, AGC ON)
Will I. Illumination	B/W: 0.003lux @ (F1.2, AGC ON)
Shutter Speed	1/10 ~ 1/10,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Ultra WDR, 120dB
S/N Ratio	>50dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / BLC / WDR
Lens	
	-L1, -L2: Φ14
Married Trans	
Mount Type	-L3: CS
	-L4: M12
	-L1, -L2: Automatic Iris (DC drive)
Iris	-L3: Manual Iris
	-L4: Fixed Iris
	-L1: 2.7 ~ 9mm @ F1.2 manual varifocal lens
Focal Length	-L2: 2.7 ~ 9mm @ F1.2 motorized varifocal lens
	-L3: 2.2mm
	-L4: 2.0mm
Focus Control	-L1: Maunal
Focus Control	-L2: Manual / Semi-Automatic
	-L1, -L2: 113° ~ 64°
Angle of View	-L3: 129°
A di contro a cata D	-L4: 149°
Adjustment Range	Pan: 0° ~ 355° / Tilt: 0° ~ 75° / Rotation: 0° ~ 355°
Video	
Compression	H.264 / MJPEG
00p.000.011	Main stream: 1080p
Image Resolution	
	Secondary stream: D1
Frame Rate	Main stream: 1080p@60fps
Tame hate	Secondary stream: D1@30fps
Bitrate	64kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
Video Freeze	Supported
Digital Noise Reduction	3D noise reduction
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°
Audio	
	0.7446 / 0.744. / ADDOM / 0.700 / AAO / 0
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Moturosta	
Network	
Network	TCP/IP LIDE HTTP DHCP DNS/DDNS RTP/RTCP RTSP PPPAE ETD VSID IDVA
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, IPv4,
Network Protocols	IPv6 (optional)
Network Protocols User Interface	IPv6 (optional) IPC Control (IE)
Network Protocols User Interface Max. User Access	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal)
Network Protocols User Interface Max. User Access Application Programming	IPv6 (optional) IPC Control (IE)
Network Protocols User Interface Max. User Access	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI
Network Protocols User Interface Max. User Access Application Programming Automatic Network	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal)
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR)	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet	Pv6 (optional) PC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm ringers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Wideo Out Memory Slot	Pv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RN6, 1.0V [p-p] / 75Ω
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Temperature	Pv6 (optional) PC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Wideo Out Memory Slot Environmental Operating Temperature Operating Humidity	Pv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RH86 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Humidity Protection Level	Pv6 (optional) PC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB -30°C ~ 60°C / -22°F ~ 140°F 10% ~ 95% IK10+ @50J, IP67
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power	Pv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB -30°C ~ 60°C / -22°F ~ 140°F 10% ~ 95% IK10+ @50J, IP67 12V DC ± 10% / PoE (IEEE802.3af)
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical	IPv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB -30°C ~ 60°C / -22°F ~ 140°F 10% ~ 95% IK10+ @50J, IP67
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Wideo Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	Pv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB -30°C ~ 60°C / -22°F ~ 140°F 10% ~ 95% IK10+ @50J, IP67 12V DC ± 10% / PoE (IEEE802.3af)
Network Protocols User Interface Max. User Access Application Programming Automatic Network Replenishment (ANR) Alarm Alarm Alarm Triggers Alarm Events Interfaces Ethernet Audio In / Out Control Alarm In / Out Video Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power	Pv6 (optional) IPC Control (IE) Max. 10 Users (includes 2 internal) ONVIF (Profile S), GB/T 28181-2011, API, CGI Supported Motion detection / Alarm input Alarm caption / Snapshot / External output 10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 3 x Input / 1 x Output 1 x BNC, 1.0V [p-p] / 75Ω TF card slot, supports up to 128GB -30°C ~ 60°C / -22°F ~ 140°F 10% ~ 95% IK10+ @50J, IP67 12V DC ± 10% / PoE (IEEE802.3af)

IR BULLET CAMERA **BOX CAMERA**

SPEED DOME CAMERA

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PTZ CAMERA