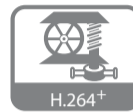


## KH-N4001

4MP Network IR Mini-Bullet Camera



- 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, KBView, KBiVMS
- 3.6 mm fixed lens
- Max IR LEDs Length 30m
- IP67, PoE



### Technical Specification

#### Camera

Image Sensor	1/3" 4Megapixel Sony Exmor progressive CMOS
Effective Pixels	2688Hx1520(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s
Minimum Illumination	0.31Lux/F2.2(Color), 0Lux/F2.2(IR on)
S/N Ratio	More than 40dB
IR Distance	Distance up to 30m(98ft)
IR On/Off Control	Auto/ Manual
IR LEDs	18

#### Lens

Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	3.6 mm				
Max. Aperture	F2.2				
Angle of View	H:83°, V:44°				
Focus Control	Fixed				
Close Focus Distance	N/A				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	63m(207ft)	25m(82ft)	13m(43ft)	6m(20ft)
	3.6 mm	80m(262ft)	32m(105ft)	16m(52ft)	8m(26ft)

#### Pan/Tilt/Rotation

Pan/Tilt Range	Pan:0° ~360° ;Tilt:0° ~90° ;Rotation:0° ~360°
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#### Video

Compression	H.265+
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 Control	CBR/VBR
Bit Rate	H264H:80K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR

White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	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
Privacy Masking	Off / On (4 Area, Rectangle)

#### Audio

Compression	N/A
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#### Network

Ethernet	RJ-45 (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;Multicast;ICMP;IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
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	KBView, KBiVMS
Smart Phone	iPhone, iPad, Android Phone

#### Interface

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

#### Electrical

Power Supply	DC12V PoE(802.3af)(Class 0)
Power Consumption	<4.3W

#### Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

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4MP Network IR Mini-Bullet Camera

## Construction

Casing	Metal+Plastic
Dimensions	Φ70mm×164.7mm(2.76"×6.49")
Net Weight	0.38Kg(0.84lb)
Gross Weight	0.44Kg(0.97lb)