

KH-DN4004iM

4MP WDR IR Dome Network Camera



- 1/3” 4Megapixel Sony Exmor CMOS
- H.265+&H.265 triple-stream encoding
- 25/30fps@4Mp(2688×1520)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: KBView, KBiVMS
- 2.7mm ~13.5mm motorized lens
- Max. IR LEDs Length 50m
- IP67,IK10, PoE, ePoE
- Micro SD card memory



Technical Specification

Camera					
Image Sensor	1/3” 4Megapixel Sony Exmor CMOS				
Effective Pixels	2688 (H)×1520(V)				
RAM/ROM	512MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s				
Minimum Illumination	0.03Lux/F1.4 (Color,1/3s,30IRE) 0.3Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 50m (164ft)				
IR On/Off Control	Auto/ Manual				
IR LEDs	2				

Lens					
Lens Type	Motorized/ Auto Iris(DC)				
Mount Type	Board-in				
Focal Length	2.7mm~13.5mm				
Max. Aperture	F1.4				
Angle of View	H: 106°~31°, V:58°~17°				
Optical Zoom	5x				
Focus Control	Motorized				
Close Focus Distance	0.3m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	64(210ft)	26m(85ft)	13m(42ft)	6.5m(21ft)
	T	208m(682ft)	83m(272ft)	41m(136ft)	20m(68ft)

Pan/Tilt/Rotation					
Pan/Tilt/Rotation Range	Pan:0°~355°;Tilt:0°~75°; Rotation:0°~355°				

Intelligence					
IVS	Tripwire, Intrusion, Object Abandoned/Missing				
Advanced Intelligent Functions	Face Detection				

Video					
Compression	H.265+/H.265/H.264+/H.264				
Streaming Capability	3 Streams				
Resolution	4M(2688×1520)/3M(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: 4M(1~25/30fps)				
	Sub Stream: D1(1~25/30fps)				
	Third Stream: 720P(1~25/30fps)				
Bit Rate Control	CBR/VBR				
Bit Rate	H.264: 24~10240Kbps H.265: 14~9984Kbps				

Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)
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 Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio	
Compression	G.711a/ G.711Mu/ AAC/ G.726

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; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	KBView, KBiVMS
Smart Phone	IOS, Android

Interface	
Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC

Electrical	
Power Supply	DC12V, PoE(802.3af)(Class 0), ePoE
Power Consumption	<8.5W

KH-DN4004iM

4MP WDR IR Dome Network Camera

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	IK10

Construction

Casing	Metal
Dimensions	Φ122mm×88.9mm (4.8"×3.5")
Net Weight	0.5kg (1.1lb)
Gross Weight	0.58kg (1.29lb)

Dimensions (mm/inch)

