

KR-DNi80D

8MP IR Mini Dome Network Camera



- 1/2.5” 8Megapixel Sony STARVIS™ CMOS
- H.265+/H.265/H.264+ triple-stream encoding
- 15fps@4K(3840×2160),25/30fps@3M(2304×1296)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: KBView, KBiVMS
- 1/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 30m
- 4mm fixed lens
- Micro SD memory, IP67, IK10, PoE, ePoE



Technical Specification

Camera	
Image Sensor	1/2.5” 8Megapixel Sony STARVIS™ CMOS
Effective Pixels	3840(H)x2160(V)
RAM/ROM	512MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s
Minimum Illumination	0.06Lux/F1.6(Color,1/3s,30IRE) 0.3Lux/F1.6(Color,1/30s,30IRE) 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
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		4 mm				
Max. Aperture		F1.6 (F1.6)				
Angle of View		H:112° (88°), V:69° (48°)				
Optical Zoom		N/A				
Focus Control		Fixed				
Close Focus Distance		0.9m(1.7m)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify	
	2.8 mm	69m(226ft)	28m(92ft)	14m(46ft)	7m(23ft)	
	4.0 mm	89m(292ft)	36m(118ft)	18m(59ft)	9m(30ft)	

Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	Pan:0°~355°; Tilt:0°~65°; 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	4K(3840×2160)/6M(3072×2048)/5M(2560×1920)/ 3M(2048x1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280x960)/ 720P(1280×720)/D1(704×576/704×480) / VGA(640×480)/CIF(352×288/352×240)
Frame Rate	Main Stream: 4K(1~15fps)/3M(1~25/30fps)
	Sub Stream: D1(1~25/30fps)
	Third Stream: 1080P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 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	<5.5W

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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	109.9mm×81mm (4.33"×3.19")
Net Weight	0.41kg (0.91lb)
Gross Weight	0.53 kg (1.17lb)

Dimensions (mm/inch)

