

DC-D4831HRX

8MP Vandal-Resistant IR Dome Camera



Easy installation with DirectIP NVR
8MP (3840x2160) resolution
Motorized Vari-focal lens (f=2.7 - 13.5mm)
micro SD/SDHC/SDXC, Smart Failover
Two-way audio

Alarm in / out
IK10 / IP67 supports
Built-in heater
PoE (IEEE 802.3af Class 3), 12V DC
Day and night (ICR)

True wide dynamic range (WDR)
IR LED (Distance : 40m / 131.2ft)
3-axis mechanical design for installation
Supports ONVIF

SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	2.7 - 13.5mm
Aperture	F1.8 - F3.32
Iris Control	DC Iris
Angular Field of View	Wide : 110.6o(H) 57.3o(V) 134.1o(D) Tele : 32.6o(H) 18.3o(V) 37.4(D)
Min. Illumination	COLOR : 0.2 lux @ F1.8 B/W : 0 lux (IR LED ON)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 - 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	Yes (ICR)
IR Distance (LEDs)	40m / 131.2 ft (6ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	BLC
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
Pan/Tilt/Rotate	
Pan Range	-175° - 175°
Tilt Range	0° - 64°
Rotate Range	-177° - 177°
Network	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes
Bitrate Control	H.265 - CBR / VBR, H.264 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S/T
Max. Frame Rate	30ips : 3840 x 2160 15ips : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLSrec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Alarm and Event	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with Image)
Audio Alarm	Yes
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
Environmental	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% - 90%
Electrical	
Power Source	12VDC, PoE, IEEE 802.3af(Class 3)
Power Consumption	12V=, 1.2A, 14.4W PoE, IEEE 802.3af(Class 3), 12.4W
Approval	FCC, CE, UL, KC
Mechanical	
Dimensions	Ø155 x 104.4mm(Ø6.1" x 4.11")
Weight	1.02kg (2.25lb)



PRODUCT IMAGE
















DIMENSIONS



ACCESSORIES (OPTIONAL)



ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION	
DC-D4831HRX	WALL	 WALL Model: DA-JB2200	
		or	
		 WALL Model: DA-MA2100	
			+
			 WALL Model: DA-WM2050
	CELLING	 CEILING Model: DA-JB2200	
		or	
		 CEILING Model: DA-MA2100	
			+
			 CEILING Model: DA-CM2050
	POLE	 POLE Model: DA-MA2100	
			+
		 POLE Model: DA-WM2050	
			+
		 POLE Model: DA-LM2000	
CORNER	 CORNER Model: DA-MA2100		
		+	
	 CORNER Model: DA-WM2050		
		+	
		 CORNER Model: DA-RM2000	
ETC		 ETC Model: DA-FM1500	