

DC-D4831HRX

8MP Vandal-Resistant IR Dome Camera

- Easy installation with DirectIP NVR
 - micro SD/SDHC/SDXC, Smart Failover
 - IK10 / IP67 supports
 - Day and night (ICR)
 - 3-axis mechanical design for installation
- 8MP (3840x2160) resolution
 - Two-way audio
 - Built-in heater
 - True wide dynamic range (WDR)
 - Supports ONVIF
- Motorized Vari-focal lens (f=2.7 - 13.5mm)
 - Alarm in / out
 - PoE (IEEE 802.3af Class 3), 12V DC
 - IR LED (40m / 131.2 ft (6ea))

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
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
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, SNTP, 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 (NLTSec)	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	PoE (IEEE 802.3af Class 3)
Power Consumption	12V=, 1.2A, 14.4W PoE, IEEE 802.3af(Class 3), 12.4W
Approval	FCC, CE, KC
Mechanical	
Dimensions	Ø155 x 104.4mm(Ø6.1" x 4.11")
Weight	1.02kg (2.25lb)



PRODUCT IMAGE



DIMENSIONS

ACCESSORIES (OPTIONAL)

DA-JB2200 	DA-MA2100 	DA-WM2050 	DA-CM2050
JUNCTION BOX	DA-MA2100	WALL MOUNT	CEILING MOUNT
DA-LM2000 	DA-RM2000 	DA-FM1500 	
Pole Mount	Corner Mount	Flush Mount	

ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

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