

# DC-D4831HRX

## 8MP Vandal-Resistant IR Dome Camera / NDAA Compliant



- 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 (Distance : 40m / 131.2ft)

### 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
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
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	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS
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)



# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D4831HRX	WALL	 <span data-bbox="1034 203 1187 226">JUNCTION BOX</span> <span data-bbox="1203 203 1347 226">Model: DA-JB2200</span>
		or
		 <span data-bbox="1034 297 1187 320">DA-MA2100</span> <span data-bbox="1203 297 1347 320">Model: DA-MA2100</span>
		+
		 <span data-bbox="1034 369 1187 392">WALL MOUNT</span> <span data-bbox="1203 369 1347 392">Model: DA-WM2050</span>
		CELLING
	or	
	 <span data-bbox="1034 526 1187 548">CEILING MOUNT</span> <span data-bbox="1203 526 1347 548">Model: DA-CM2050</span>	
		+
		 <span data-bbox="1034 598 1187 620">DA-MA2100</span> <span data-bbox="1203 598 1347 620">Model: DA-MA2100</span>
		POLE
	+	
	 <span data-bbox="1034 732 1187 754">DA-MA2100</span> <span data-bbox="1203 732 1347 754">Model: DA-MA2100</span>	
	+	
	 <span data-bbox="1034 826 1187 848">WALL MOUNT</span> <span data-bbox="1203 826 1347 848">Model: DA-WM2050</span>	
	CORNER	 <span data-bbox="1034 866 1187 889">DA-MA2100</span> <span data-bbox="1203 866 1347 889">Model: DA-MA2100</span>
+		
 <span data-bbox="1034 938 1187 960">CORNER MOUNT</span> <span data-bbox="1203 938 1347 960">Model: DA-RM2000</span>		
	+	
	 <span data-bbox="1034 1032 1187 1055">WALL MOUNT</span> <span data-bbox="1203 1032 1347 1055">Model: DA-WM2050</span>	
	ETC	 <span data-bbox="1034 1072 1187 1095">FLUSH MOUNT</span> <span data-bbox="1203 1072 1347 1095">Model: DA-FM1500</span>