

# DC-D4831HRX

## 8MP Vandal-Resistant IR Dome Camera



- Easy installation with DirectIP NVR
- micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
- 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
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f=2.7-13.5mm
Aperture	F1.8 - 3.32
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)
Pan/Tilt/Rotate Range	Pan: -175° - 175°, Tilt: 0° - 64°, Rotate: -177° - 177°
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	IR cut filter with auto switch
IR Distance (LEDs)	40m / 131.2ft (6ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	On / Off
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Network	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
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
Max. Frame Rate	30fps : 3840 x 2160 15fps : 3840 x 2160(WDR)
Supports 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, SNTF, SMTP, FEN, mDNS, uPNP, S/NMPv2
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x, IP Filtering, HTTPS
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
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)
Pre-recorderd Voice Alert - IDIS protoco	On / Off
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, KC
Mechanical	
Dimensions (Ø x H)	Ø155 x 104.4mm
Weight	1.02 kg(2.25lb)



### PRODUCT IMAGE
















### DIMENSIONS



### ACCESSORIES (OPTIONAL)

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

## ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

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