DC-D4831HRX-A

8MP Vandal-Resistant IR Dome Camera/ NDAA Compliant

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

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 : 110.6°(H) 57.3°(V) 134.1°(D), Tele : 32.6°(H) 18.3°(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	-
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 3840 x 2160 15ips : 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, SNTP, SMTP, FEN, mDNS, uPNP, SNMPv2
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 (NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with Image)
Pre-recorderd Voice Alert - IDIS protoco	On / Off
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	MOUNT ADAPTER	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-A	WALL	 JUNCTION BOX Model: DA-JB2200
		or
		MOUNT ADAPTER Model: DA-MA2100
		+
		 WALL MOUNT Model: DA-WM2050
	CELLING	 JUNCTION BOX Model: DA-JB2200
		or
		CEILING MOUNT Model: DA-CM2050
		+
		MOUNT ADAPTER Model: DA-MA2100
	POLE	 POLE MOUNT Model: DA-LM2000
		+
		MOUNT ADAPTER Model: DA-MA2100
		+
		 WALL MOUNT Model: DA-WM2050
	CORNER	MOUNT ADAPTER Model: DA-MA2100
		+
		 CORNER MOUNT Model: DA-RM2000
		+
		 WALL MOUNT Model: DA-WM2050
	ETC	 FLUSH MOUNT Model: DA-FM1500