

DC-D4236HRX

Full HD Vandal-Resistant IR Dome Camera with Heater

NDA & TAA Compliant



2MP OUTDOOR DOME CAMERA WITH MOTORIZED VARI-FOCAL LENS AND ALL-WEATHER RELIABILITY

The DC-D4236HRX features a 1/2.8" CMOS sensor delivering Full HD resolution, equipped with a 2.8~12mm motorized vari-focal lens for precise remote focal length adjustment. It maintains image clarity in challenging lighting with 120dB True WDR and ensures night visibility with a 30m IR range. The camera supports DirectIP 2.0 for seamless integration, alongside H.265 and Intelligent Codec for optimized bandwidth management, while Smart Failover protects data up to 512GB during network interruptions. With IP67, IK10 ratings, and a built-in heater, it operates reliably in temperatures as low as -40°C. This model is ideal for outdoor facilities, parking lots, and perimeter security where environmental resilience and flexible field-of-view are required.

KEY FEATURES

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Motorized Vari-focal lens (f=2.8 - 12mm)
- micro SD/SDHC/SDXC
- Two-way audio
- Alarm in / out
- IK10 / IP67 supports
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis mechanical design for installation
- Supports ONVIF

DC-D4236HRX | Datasheet

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	2.8 ~ 12mm
Aperture	F1.4 ~ F2.8
Iris Control	DC Iris
Angular Field of View	Wide : 98°(H), 51°(V), 116°(D) Tele : 33°(H), 19°(V), 38°(D)
Min. Illumination	COLOR : 0.1 lux @ F1.4 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)	30m / 98.4 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° ~ 67°
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 : 1920 x 1080 (WDR)
Supported Resolution	1920x1080, 1280x720, 640x360, 352x240
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, 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	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3), 10.3W
Approval	UL, FCC, CE, KC

MECHANICAL

Dimensions	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.99kg (2.18lb)

DIMENSIONS

Unit - mm (inch)



DC-D4236HRX | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 JUNCTION BOX DA-JB2200
	 MOUNT ADAPTER DA-MA2100 +  WALL MOUNT DA-WM2050
Ceiling	 JUNCTION BOX DA-JB2200
	 MOUNT ADAPTER DA-MA2100 +  CEILING MOUNT DA-CM2050
Pole	 MOUNT ADAPTER DA-MA2100 +  WALL MOUNT DA-WM2050 +  Pole Mount DA-LM2000

ENVIRONMENT

CONFIGURATION

Corner



MOUNT ADAPTER
 DA-MA2100

+



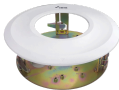
WALL MOUNT
 DA-WM2050

+



Corner Mount
 DA-RM2000

Etc



Flush Mount
 DA-FM1500