

DC-D4236WRX

Full HD Vandal-Resistant IR Dome Camera

NDAA & TAA Compliant



2MP OUTDOOR VANDAL-RESISTANT DOME CAMERA WITH MOTORIZED VARI-FOCAL LENS

The DC-D4236WRX features a 1/2.8" CMOS sensor delivering Full HD (1080p) resolution at 30fps, equipped with a 2.8~12mm motorized vari-focal lens for precise remote focus and zoom control. It ensures clear image quality in high-contrast lighting with 120dB True WDR and provides reliable night vision with IR LEDs effective up to 30m. The camera supports DirectIP 2.0 for seamless installation and utilizes H.265 with Intelligent Codec for efficient bandwidth management, while Smart Failover technology ensures data continuity up to 512GB during network interruptions. With IP67-rated weather resistance and IK10-rated vandal protection, it is designed for stable operation in demanding environments such as outdoor parking lots, building perimeters, and industrial warehouses.

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-D4236WRX | 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
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting up at above 0°C (32°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

Power Source	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.64A, 7.7W PoE, IEEE 802.3af (Class 3), 7.8W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.985kg (2.17lb)

DC-D4236WRX | 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

+



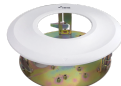
WALL MOUNT
DA-WM2050

+



Corner Mount
DA-RM2000

Etc



Flush Mount
DA-FM1500