IDIS One Solution. One Company.

DC-D4236RX

Full HD IR Dome Camera

NDAA & TAA Compliant



FULL HD VARI-FOCAL DOME CAMERA WITH MOTORIZED LENS

The DC-D4236RX features a 1/2.8" CMOS sensor delivering 1080p Full HD resolution at 30ips, with a 2.8-12mm motorized vari-focal lens for precise remote zoom and focus adjustment. It ensures clear image quality in challenging lighting conditions through 120dB True WDR and IR LEDs with a 30m range. The camera supports DirectIP 2.0 for seamless installation and utilizes H.265 with Intelligent Codec for optimized bandwidth efficiency, while Smart Failover ensures data continuity up to 512GB during network disruptions. It is an ideal solution for offices, retail spaces, and indoor environments that require flexible viewing angles and reliable data storage.

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
- PoE (IEEE 802.3af Class 2)
- 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-D4236RX | 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 (tbs)
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	1 CVBS

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 a-Law/u-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, SNTP, 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 (NLTSrec)	Yes (Up to 80MB)
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	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°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), 7.6W
Approval	UL, FCC, CE, KC

MECHANICAL

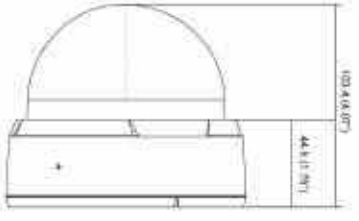
Dimensions	Ø122mm x 103.4mm (Ø4.8" x 4.07")
Weight	0.37kg (0.81lb)

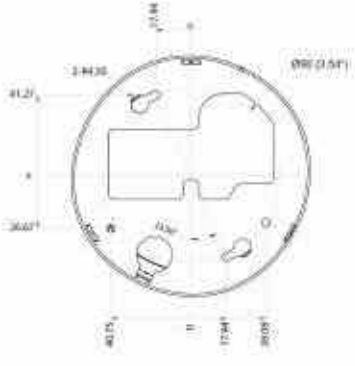
DORI

Detect (25PPM)	33.4m – 129.6m (109.5ft – 425.3ft)
Observe (63PPM)	13.2m – 51.4m (43.5ft – 168.8ft)
Recognize (125PPM)	6.7m – 25.9m (21.9ft – 85.1ft)
Identify (250PPM)	3.3m – 13m (11ft – 42.9ft)

DIMENSIONS


Ø122 (4.80")


103 (4.06")
44 (1.74")


Ø92 (3.54")

DC-D4236RX | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	Mount Adapter DA-MA4300 +  Wall Mount DA-WM2050 OR  Wall Mount DA-WM4300
Ceiling	Mount Adapter DA-MA4300 +  Ceiling Mount DA-CM2050
Pole	Mount Adapter DA-MA4300 +  Wall Mount DA-WM2050 +  Pole Mount DA-LM2000
Corner	Mount Adapter DA-MA4300 +  Wall Mount DA-WM2050 +  Corner Mount DA-RM2000

ENVIRONMENT	CONFIGURATION
Etc	 **Flush Mount** DA-PM1500 OR  **Indoor Dome Flush(In-ceiling) Mount** DA-PM1000