

DC-D4237RX

H.265 2MP IR Dome Camera

NDAA & TAA Compliant



FULL HD DOME NETWORK CAMERA WITH MOTORIZED VARI-FOCAL LENS AND TRUE WDR

The DC-D4237RX features a 1/2.8" CMOS sensor delivering Full HD (1920x1080) resolution at 30fps, with 120dB True WDR ensuring clear image quality in high-contrast lighting conditions. Equipped with a 2.8~12mm motorized vari-focal lens, it allows for precise remote adjustment of the field of view and focus, while 30m IR distance and a built-in microphone support effective night monitoring and audio recording. It optimizes bandwidth using H.265 and Intelligent Codec technology and ensures data integrity with Smart Failover recording up to 512GB during network disruptions. With seamless installation and enhanced security via DirectIP 2.0, this camera is ideal for indoor environments such as offices, retail stores, and healthcare facilities requiring reliable surveillance.

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
- Audio in (Built In MIC) / out
- PoE (IEEE 802.3af Class 3)
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- Supports ONVIF

DC-D4237RX | 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(Built In MIC)+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	FCC, CE, KC

MECHANICAL

Dimensions	Ø122 x 103.4mm (Ø4.8" x 4.07")
Weight	0.37kg (0.82lb)

DIMENSIONS

Unit - mm (inch)



DC-D4237RX | Compatible Accessories

ENVIRONMENT

CONFIGURATION

Wall



**MOUNT
ADAPTER**
DA-MA4300

+



WALL MOUNT
DA-WM2050

OR



**Wall mount for
Turret**
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

+

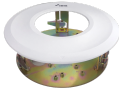


Corner Mount
DA-RM2000

ENVIRONMENT

CONFIGURATION

Etc



Flush Mount
DA-FM1500

OR



**Indoor Dome
Flush(In-ceiling)
Mount**
DA-FM1600