

DC-D4216RX 4.0mm

H.265 2MP IR Dome Camera

NDAA & TAA Compliant



FIXED FOCAL DOME CAMERA PROVIDING CLEAR FULL HD QUALITY AND EFFICIENT DATA MANAGEMENT

The DC-D4216RX features a 1/2.8" CMOS sensor delivering Full HD resolution at 1920x1080, with a 4.0mm fixed-focal lens ensuring a stable field of view. It utilizes 120dB True WDR to clearly identify subjects in challenging backlight conditions and maintains image clarity in low-light or nighttime environments with a 30m IR distance. The camera optimizes bandwidth and storage efficiency through H.265 and Intelligent Codec, while Smart Failover technology prevents data loss up to 512GB during network interruptions. It supports intelligent video analytics, including motion and trip zone detection, alongside two-way audio communication via a built-in microphone. With its compact design and PoE support for easy installation, this model is ideal for various indoor environments such as offices, retail stores, and corridors.

KEY FEATURES

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- micro SD/SDHC/SDXC
- Audio in (+ Built In MIC) / out
- 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)
- Supports ONVIF

DC-D4216RX 4.0mm | Datasheet

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	4.0mm
Aperture	F1.6
Iris Control	Fixed Iris
Angular Field of View	87.4°(H), 46.9°(V), 103.5°(D)
Min. Illumination	COLOR : 0.1 lux @ F2.0 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 (4ea)
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	-170° ~ 170°
Tilt Range	-5° ~ 67.5°
Rotate Range	-109° ~ 109°

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 (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, 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	PoE IEEE 802.3af (Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W
Approval	UL, FCC, CE, KC

MECHANICAL

Dimensions	Ø110 x 88mm(Ø4.33" x 3.46")
Weight	0.26kg(0.57lb)

DIMENSIONS

Unit - mm (inch)



DC-D4216RX 4.0mm | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 Wall mount for Turret DA-WM4300
Etc	 Flush Mount DA-FM4100