

DC-D4216WRX 2.8mm

Full HD Vandal-Resistant IR Dome Camera

NDAA & TAA Compliant



FULL HD FIXED-FOCAL DOME CAMERA WITH WIDE-ANGLE COVERAGE AND OUTDOOR DURABILITY

The DC-D4216WRX 2.8mm features a 1/2.8" CMOS sensor delivering Full HD resolution at 30fps, with a 2.8mm fixed-focal lens providing a wide 111.6-degree horizontal field of view. It ensures clear image quality in challenging lighting conditions through 120dB True WDR and IR LEDs with a 30m range. The camera optimizes bandwidth using H.265 and Intelligent Codec technology, while Smart Failover ensures continuous recording during network disruptions. With IP67 and IK10 ratings, it offers reliable performance against environmental factors and physical impacts. This camera is ideal for commercial sites, parking lots, and building perimeters where wide-angle monitoring and robust durability are essential.

KEY FEATURES

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Fixed-focal lens (f=2.8mm)
- micro SD/SDHC/SDXC
- Two-way audio
- Alarm in / out
- IK10 / IP67 supports
- 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-D4216WRX 2.8mm | Datasheet

VIDEO

Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.8mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	111.6°(H), 61.45°(V), 127.3°(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 / 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	PoE IEEE 802.3af (Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	Ø120.6 x 92.9mm(Ø4.75" x 3.65")
Weight	0.465kg(1.02lb)

DIMENSIONS

Unit - mm (inch)



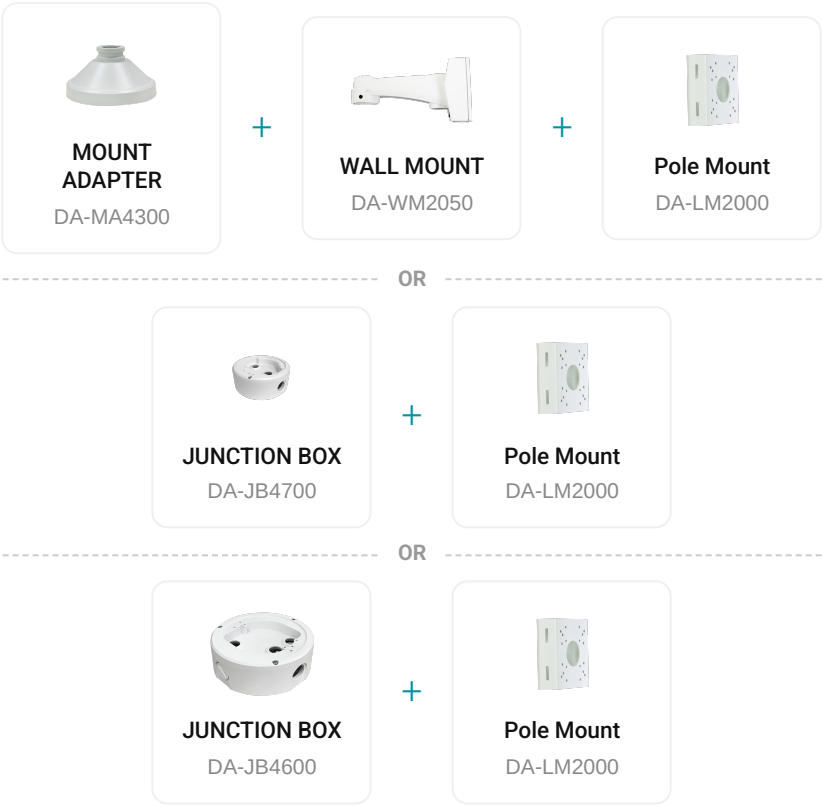
DC-D4216WRX 2.8mm | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 JUNCTION BOX DA-JB4700
	 MOUNT ADAPTER DA-MA4300 +  WALL MOUNT DA-WM2050
Ceiling	 JUNCTION BOX DA-JB4700
	 MOUNT ADAPTER DA-MA4300 +  CEILING MOUNT DA-CM2050

ENVIRONMENT

CONFIGURATION

Pole



Corner

