

DC-E4216WRX 2.8mm

Full HD IR Bullet Camera

NDAA & TAA Compliant



OUTDOOR BULLET CAMERA WITH WIDE-ANGLE LENS AND FULL HD RESOLUTION FOR MINIMIZED BLIND SPOTS

The DC-E4216WRX features a 1/2.8" CMOS sensor delivering Full HD resolution, paired with a 2.8mm wide-angle lens that provides a 111.6-degree horizontal field of view. It ensures clear identification in backlit conditions with 120dB True WDR and maintains reliable monitoring at night with IR LEDs effective up to 30 meters. Supporting the DirectIP 2.0 protocol, it enables seamless integration with NVRs without complex configuration, while H.265 and Intelligent Codec optimize bandwidth and storage efficiency. With IP67-rated weather resistance and IK10-rated vandal resistance, the camera ensures long-term durability in outdoor environments, complemented by Smart Failover to prevent data loss during network disruptions. It is ideal for building perimeters, parking lots, and commercial entrances where wide-angle coverage and robust reliability 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-E4216WRX 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), 61.5°(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)	30 m / 98.4 ft (4 ea)
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	-

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, SNMP, 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	PoE IEEE 802.3af (Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 6.1W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.7")
Weight	0.655Kg (1.44 lb)

DIMENSIONS

Unit - mm (inch)



DC-E4216WRX 2.8mm | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 Junction Box DA-JB4150
	OR
	 Junction Box DA-JB2400
Ceiling	 Junction Box DA-JB4150
	OR
	 Junction Box DA-JB2400
Pole	 Junction Box DA-JB4150 +  Pole Mount DA-LM2000
	OR
	 Pole Mount DA-LM2000 +  Junction Box DA-JB2400

ENVIRONMENT	CONFIGURATION	
Corner	 Corner Mount DA-RM2000	+  Junction Box DA-JB2400
	OR	 Junction Box DA-JB4150 +  Corner Mount DA-RM2000