

DC-T4811WRX 3.3mm

H.265 8MP Bullet Camera

NDAA & TAA Compliant



PRECISE WIDE-AREA OUTDOOR SURVEILLANCE WITH 4K RESOLUTION AND WIDE-ANGLE LENS

The DC-T4811WRX 3.3mm features a 1/2.8" CMOS sensor delivering 4K (3840x2160) high-resolution video, with a 3.3mm fixed-focal lens providing a wide 101.3-degree horizontal field of view. It ensures clear object identification in challenging lighting via 120dB True WDR and enables stable nighttime monitoring with a 30m IR range. Supporting DirectIP 2.0 for seamless integration, it optimizes bandwidth using H.265 and Intelligent Codec while preventing data loss through Smart Failover technology. With IP67-rated weather resistance and IK10-rated vandal resistance, the camera maintains operational reliability in harsh outdoor or high-impact environments. It is ideal for building perimeters, parking lots, and large-scale commercial facilities requiring high-definition wide-area surveillance.

KEY FEATURES

- 8MP (3840x2160) resolution
- Easy installation with DirectIP NVR
- Two-way audio
- Alarm in / out
- IK10 / IP67 supports
- PoE (IEEE 802.3af Class 3)
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis mechanical design for installation
- Easy installation with DirectIP NVR
- Supports ONVIF

DC-T4811WRX 3.3mm | Datasheet

VIDEO

Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	3.3mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	101.3° (H) 54.5°(V) 119.7°(D)
Min. Illumination	COLOR : 0.2 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 : 3840x2160 15ips : 3840x2160(WDR)
Supported Resolution	3840x2160, 1920x1080, 1280x720, 640x360
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 3)
Power Consumption	PoE, (IEEE 802.3af Class 3), 9.0W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.71")
Weight	0.66 kg (1.46lb)

DIMENSIONS

Unit - mm (inch)



DC-T4811WRX 3.3mm | 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