

DC-T4218WRA 2.8mm

H.265 2MP AI Bullet Camera (LightMaster NIR)

NDAA & TAA Compliant



OUTDOOR FIXED-FOCAL BULLET CAMERA WITH INTELLIGENT ANALYTICS AND FULL HD RESOLUTION

The DC-T4218WRA features a 1/2.8" CMOS sensor delivering Full HD video at 60fps, with a 2.8mm fixed lens providing a wide 105.8-degree horizontal field of view. It ensures clear identification in challenging lighting with 120dB True WDR and 30m IR distance, while the integrated IDLA engine enables precise intelligent analytics, including person, vehicle, and face detection. With IP67 and IK10 ratings, the camera operates reliably in harsh outdoor conditions, and Smart Failover technology prevents data loss during network interruptions. This camera is ideal for outdoor environments requiring wide-angle coverage and intelligent monitoring, such as building perimeters, parking lots, and main entrances.

KEY FEATURES

- 2MP (1920 x 1080) resolution
- IDIS Deep-Learning Analytics (IDLA)
- IR LED (30 m / 98.4 ft (4 ea))
- NIR Sensor
- Day and night (ICR)
- True wide dynamic range (WDR)
- Easy installation with DirectIP NVR
- H.265 and Intelligent Codec
- PoE (IEEE 802.3af Class 3)
- IK10, IP67
- Alarm in / out
- Audio in / out
- micro SD/SDHC/SDXC
- Supports ONVIF

DC-T4218WRA 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	F1.6
Iris Control	Fixed Iris
Angular Field of View	105.8°(H),56.4°(V),121.2°(D)
Min. Illumination	COLOR : 0.1 lux @ F1.6 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	-
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
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	Opus, 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	60ips : 1920 x 1080 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 (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, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
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	-30°C ~ +60°C (-22°F ~ +140°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

Power Source	PoE IEEE 802.3af (Class 3)
Power Consumption	PoE, IEEE 802.3af (Class 3), 8.2W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	81.5mm x 75mm x 200.5mm (3.21" x 2.95" x 7.89")
Weight	0.75kg (1.65 lb)

DIMENSIONS

Unit - mm (inch)



DC-T4218WRA 2.8mm | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 Junction Box DA-JB4150
	OR
	 Junction Box DA-JB2400
Pole	 Pole Mount DA-LM2000
	+
	 Junction Box DA-JB2400
	OR
	 Junction Box DA-JB4150
	+
	 Pole Mount DA-LM2000
Corner	 Junction Box DA-JB4150
	+
	 Corner Mount DA-RM2000
	OR
	 Corner Mount DA-RM2000
	+
	 Junction Box DA-JB2400