

DC-D4218WRA 2.8mm

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



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

SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920x 1080
Scanning Mode	ProgressiveScan
Lens Type	Fixed focal
Focal Length	2.8mm
Aperture	F1.6
Iris Control	FixedIris
Angular Field of View	105.8°(H), 56.4°(V), 121.2°(D)
Min. Illumination	COLOR 0.1 lux @ F1.6B/W : 0 lux (IRLEDON)
Dynamic Range	120dB(True WDR)
Electronic Shutter Speed	Auto / Manual(1/30 ~ 1/10,000), Anti-Flicker, SlowShutter (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(SharpnessContrast Colors Brightness Control)
Mirroring / Pivot	Horizontal/ Vertical/ Pivot
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active TamperingAlarm, Object Detection, Intrusion, Loitering, Line Crossing FaceDetection
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	ADPCM16K G.726, G.711u-Law, G.711a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP2.0, ONVIFProfile ST
Max. Frame Rate	60fps : 1920x 1080 30fps : 1920x 1080 (WDR)
Supported Resolution	1920x1080 1280x720 640x360, 352x240
Multi-video Streaming	QuadrupleStreaming
Network Protocols	DirectIP2.0 Protocol, IPv4, IPv6, RTSP, RTP, TCP, UDP, HTTP, HTTPS, FTP, SFTP, SMTP, POP3, DNS, DHCP, PPTP, VPN
Security	Signed firmware, Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1X, EAP-TLS, Chained Fingerprint, SSL Encryption, HTTP 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 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), 8W
Approval	FCC CE KC
Mechanical	
Dimensions	Ø120.6x 92.9mm (Ø4.75" x 3.65")
Weight	0.490kg (1.08lb)



PRODUCT IMAGE














DIMENSIONS



ACCESSORIES (OPTIONAL)



ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION	
DC-D4218WRA 2.8mm	WALL	 JUNCTION BOX Model:DA-JB4600	
		or	
		 MOUNT ADAPTER Model:DA-MA4300	
	CELLING	+	 WALL MOUNT Model:DA-WM2050
		or	
		 MOUNT ADAPTER Model: DA-MA4300	
	POLE	+	 CEILING MOUNT Model: DA-CM2050
		+	 MOUNT ADAPTER Model: DA-MA4300
		 WALL MOUNT Model: DA-WM2050	
	CORNER	+	 POLE MOUNT Model: DA-LM2000
		+	 MOUNT ADAPTER Model:DA-MA4300
		 WALL MOUNT Model:DA-WM2050	
	+	 CORNER MOUNT Model:DA-RM2000	