

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	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 LEDON)
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)
Mirroring / Pivot	Horizontal / Vertical / Pivot
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
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	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, RTSP, RTP, RTCP, RTSP, HTTP, TCP, UDP, RTP, STP, HTT, HTTPS, FTP, SNT, SM, FEN, mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1X, P, TL3, 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 0°C (32°F)
Operating Humidity	0% ~ 90%
Electrical	
Power Source	PoE IEEE802.3af (Class 3)
Power Consumption	PoE IEEE802.3af (Class 3), 8W
Approval	FCC CE KC
Mechanical	
Dimensions	Ø120.6 x 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
		 WALL MOUNT Model:DA-WM2050
	CELLING	 JUNCTION BOX Model: DA-JB4600
		or
		 MOUNT ADAPTER Model: DA-MA4300
		 CEILING MOUNT Model: DA-CM2050
	POLE	 MOUNT ADAPTER Model: DA-MA4300
		+
		 WALL MOUNT Model: DA-WM2050
		 POLE MOUNT Model: DA-LM2000
	CORNER	 MOUNT ADAPTER Model:DA-MA4300
		+
 WALL MOUNT Model:DA-WM2050		
 CORNER MOUNT Model:DA-RM2000		