

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

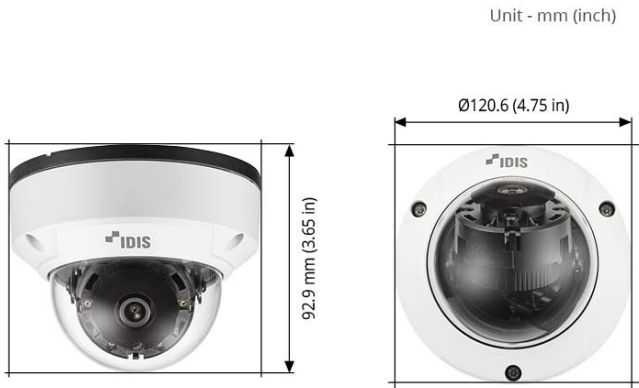
Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.8mm
Aperture	F1.6
Iris Control	Fixed Iris
Angular Field of View	105.8o(H), 56.4o(V), 121.2o(D)
Min. Illumination	COLOR : 0.1 lux @ F1.6 B/W : 0 lux (IR LED ON)
Dynamic Range	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)	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	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
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	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, SNTp, 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, 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	Ø120.6 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

