

DC-D4238HRA

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



- 2MP (1920 x 1080) resolution
- NIR Sensor
- Easy installation with DirectIP NVR
- IK10, IP67
- Built-in heater
- IDIS Deep-Learning Analytics (IDLA)
- Day and night (ICR)
- H.265 and Intelligent Codec
- Alarm in / out
- micro SD/SDHC/SDXC
- IR LED (50m / 164 ft (6ea))
- True wide dynamic range (WDR)
- PoE (IEEE 802.3af Class 3)
- Audio in / out
- Supports ONVIF

SPECIFICATIONS

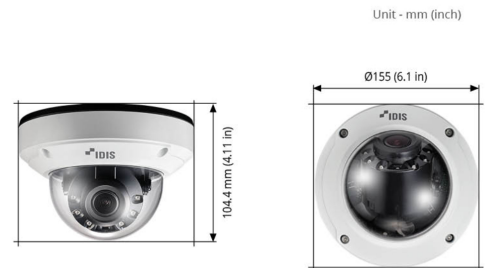
Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	2.8 ~ 12mm
Aperture	F1.4 ~ F3.1
Iris Control	DC Iris
Angular Field of View	Wide : 105.7°(H), 55.3°(V), 126.4°(D) Tele : 34°(H), 19.1°(V), 39.1°(D)
Min. Illumination	COLOR: 0.1 lux @ F1.4 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)	50m / 164 ft (6ea)
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	-175° ~ 175°
Tilt Range	0° ~ 64°
Rotate Range	-177° ~ 177°
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, RTP/RTSP/UDP, RTSP/HTTP, RTSP/UDP, RTSP/HTTP, RTSP/HTTPS, FTP, S/NTP, SMTP, FEN, mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1X (EAP-TLS), Chained Fingerprint, SSLEncryption, HTTPSEncryption
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLSrec)	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, Heater
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
Electrical	
Power Source	12VDC, PoE IEEE802.3af (Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE IEEE802.3af (Class 3), 8.3W
Approval	FCC CE KC
Mechanical	
Dimensions	Ø155 x 104.4mm (Ø6.1" x 4.11")
Weight	0.985kg (2.17lb)



PRODUCT IMAGE



DIMENSIONS



ACCESSORIES (OPTIONAL)

DA-JB2200 	DA-MA2100 	DA-WM2050 	DA-FM1500 
JUNCTION BOX	DA-MA2100	WALL MOUNT	Flush Mount
DA-CM2050 	DA-LM2000 	DA-RM2000 	
CEILING MOUNT	Pole Mount	Corner Mount	

ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D4238HRA	WALL	 JUNCTION BOX Model:DA-JB2200
		or
		 DA-MA2100 Model:DA-MA2100
		+  WALL MOUNT Model:DA-WM2050
	CELLING	 DA-MA2100 Model: DA-MA2100
		+  CEILING MOUNT Model: DA-CM2050
	POLE	 DA-MA2100 Model: DA-MA2100
		+  WALL MOUNT Model: DA-WM2050
		+  POLE MOUNT Model: DA-LM2000
	CORNER	 DA-MA2100 Model:DA-MA2100
		+  WALL MOUNT Model:DA-WM2050
		+  CORNER MOUNT Model:DA-RM2000
	ETC	 FLUSH MOUNT Model: DA-FM1500