

# DC-D4248HRA

## H.265 2M AI Dome Camera (LightMaster NIR)



Easy installation with DirectIP NVR  
micro SD/SDHC/SDXC  
Alarm in / out

Audio in / out  
PoE (IEEE 802.3af Class 3)  
IR LED (Distance : 50 m / 164 ft)

IK10, IP67  
IDIS Deep-Learning Analytics (IDLA)

### SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	7 ~ 22mm
Aperture	F1.4 ~ F2.8
Iris Control	DC Iris
Angular Field of View	Wide : 40.5o(H), 22o(V), 47.3o(D) Tele : 16.8o(H), 9.5o(V), 19.3o(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)
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	-
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
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 (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, 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 IEEE 802.3af (Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE, IEEE 802.3af (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)



# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D4248HRA	WALL	 <span>WALL</span> Model: DA-JB2200
		or
		 <span>WALL</span> Model: DA-MA2100
	WALL	 <span>WALL</span> Model: DA-WM2050
		+
		 <span>CEILING</span> Model: DA-MA2100
	CELLING	 <span>CEILING</span> Model: DA-CM2050
		+
	POLE	 <span>POLE</span> Model: DA-MA2100
		 <span>POLE</span> Model: DA-WM2050
		 <span>POLE</span> Model: DA-LM2000
	CORNER	 <span>CORNER</span> Model: DA-MA2100
		 <span>CORNER</span> Model: DA-WM2050
 <span>CORNER</span> Model: DA-RM2000		
ETC	 <span>ETC</span> Model: DA-FM1500	