

# DC-D4512WERA 2.8mm

## H.265 5MP AI IR Turret Camera (LightMaster NIR)



- Easy installation with DirectIP NVR
- H.265 and Intelligent Codec
- PoE (IEEE 802.3af Class 3)
- IR LED (30m / 98.4 ft (4ea))
- IDIS Deep-Learning Analytics (IDLA)

### SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Max. Resolution	2592 x 1944
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.8mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	4:3 mode : 104.8°(H) 76.9°(V) 130°(D) 16:9 mode : 104.8°(H) 57.2°(V) 123°(D)
Min. Illumination	COLOR: 0.13 lux @ F2.0 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	-180° ~ 180°
Tilt Range	-5° ~ 65°
Rotate Range	-180° ~ 180°
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	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)
Supported Resolution	4:3 : 2592x1944, 1920x1440, 1280x960x 640x480 16:9 : 2592x1456, 1920x1080, 1280x720, 640x360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/RTMP/RTMPS/HTTP/TCP/RTMP/UDP/RTSP/HTTP/HTTPS/FTP/SNTP/SMT/FTPEN mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User accesslog, IP Filtering, IEEE802.1X(EAP-TLS), Chained Fingerprint, SSLEncryption, HTTPSEncryption
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(Built In MIC)+1 / 1
Alarm In / Out	1 / 1
Environmental	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
Electrical	
Power Source	PoE (IEEE802.3af Class3)
Power Consumption	PoE IEEE802.3af(Class3), 7.6W
Approval	FCC CE KC
Mechanical	
Dimensions	Ø121 x 78.7mm (Ø4.76" x 3.1")
Weight	605g (1.3lb)



### PRODUCT IMAGE

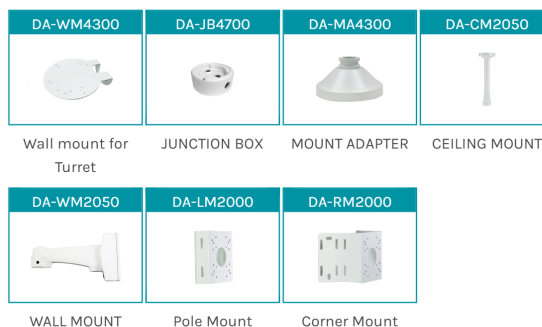


### DIMENSIONS











Unit - mm (inch)



### ACCESSORIES (OPTIONAL)



# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D4512WERA 2.8mm	WALL	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">WALL MOUNT FOR</span> Model:DA-WM4300
		or
	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">JUNCTION BOX</span> Model:DA-JB4700	
	CELLING	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">MOUNT ADAPTER</span> Model: DA-MA4300
		+
	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">CEILING MOUNT</span> Model: DA-CM2050	
	POLE	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">MOUNT ADAPTER</span> Model: DA-MA4300
		+
		 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">WALL MOUNT</span> Model: DA-WM2050
	+	
	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">POLE MOUNT</span> Model: DA-LM2000	
	CORNER	 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">MOUNT ADAPTER</span> Model:DA-MA4300
		+
 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">WALL MOUNT</span> Model:DA-WM2050		
+		
 <span style="background-color: #00A6C8; color: white; padding: 2px 5px;">CORNER MOUNT</span> Model:DA-RM2000		