

**SPRO**<sup>®</sup>**IP**

# DHIPD40/ARG/40-M-I

4 MEGAPIXEL IP TURRET CAMERA  
WITH STARLIGHT TECHNOLOGY



STARLIGHT

PERIMETER  
PROTECTION

SMD+  
Smart Motion Detection Plus

AOC  
AUDIO OVER CAT5e

4 MEGAPIXEL

2.7 - 13.5MM

40m IR

IP67

ARTIFICIAL  
INTELLIGENCE

INTRUSION

TRIPWIRE

ONVIF

## Key Features:

- 4 Megapixel progressive scan CMOS
- Motorised Lens : 2.7-13.5mm
- Outputs max. 4 MP (2688× 1520)@20 fps and supports 2560 × 1440(2560× 1440)@25/30 fps.
- Starlight Technology
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Supports up to 256GB micro SD card
- Max. IR LEDs Length 40m
- IP67 waterproof
- DC 12V / PoE

## SPECIFICATIONS

<b>Model Number</b>	DHIPD40/ARG/40-M-I
<b>Image Sensor</b>	1/2.9" 4MP CMOS
<b>Effective Pixels</b>	2688 (H) × 1520 (V)
<b>ROM</b>	128 MB
<b>RAM</b>	128 MB
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	Auto/Manual 1/3 s–1/100,000 s
<b>Min. Illumination</b>	0.008 Lux@F1.5
<b>IR Distance</b>	40 m (131.23 ft) (IR LED)
<b>IR On/Off Control</b>	Auto/Manual
<b>IR LEDs Number</b>	2 (IR LED)
<b>S/N Ratio</b>	>56 dB

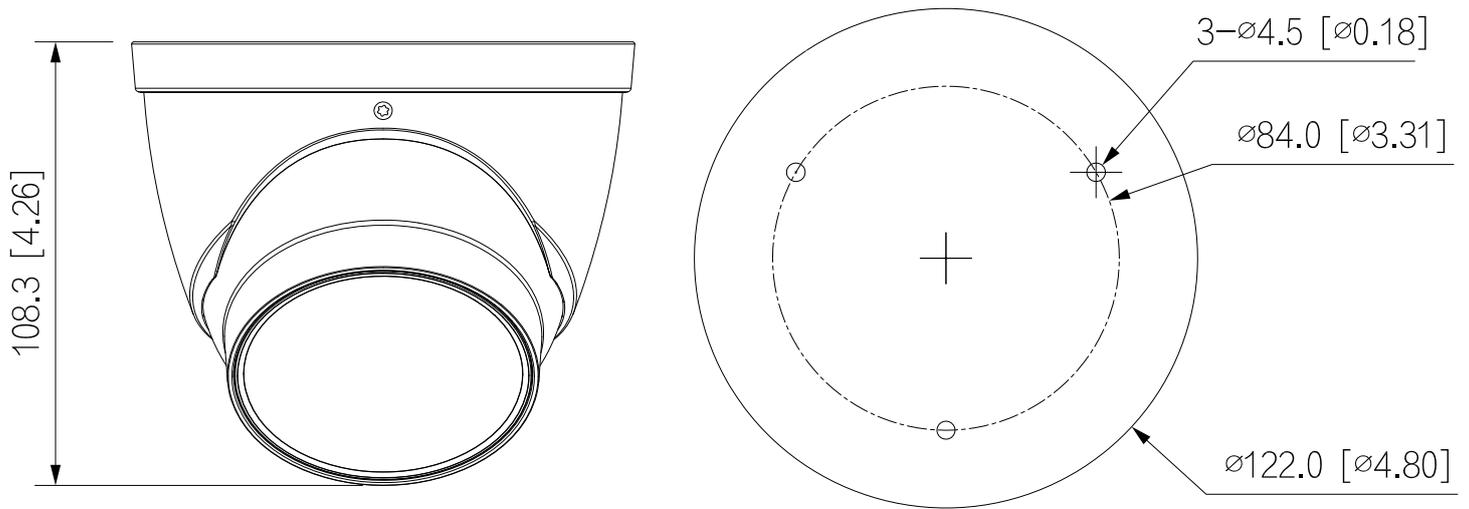
(continued)

Lens				
<b>Lens Type</b>	Motorized vari-focal			
<b>Mount Type</b>	φ14			
<b>Focal Length</b>	2.7 mm–13.5 mm			
<b>Max Aperture</b>	F1.5			
<b>Angle of View</b>	Horizontal: 104°–29° × Vertical: 54°–16° × Diagonal: 125°–34°			
<b>Iris Type</b>	Fixed			
<b>Close Focus Distance</b>	0.8 m			
<b>DORI Distance</b>	<b>Detect</b>	<b>Observe</b>	<b>Recognize</b>	<b>Identify</b>
	64-210 m	25.6-84 m	12.8-42 m	6.4-21 m
Pan/Tilt/Rotation				
<b>Pan/Tilt/Rotation Range</b>	Pan:0°~360°, Tilt:0°~78°, Rotation:0°~360°			
Intelligence				
<b>IVS</b>	Tripwire, Intrusion (the two functions support the classification and accurate detection of vehicle and human)			
<b>Smart Function</b>	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos.			
Video				
<b>Compression</b>	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)			
<b>Smart Codec</b>	Smart H.265+; Smart H.264+			
<b>Video Frame Rate</b>	Main stream: 2688 × 1520@(1–20 fps)/2560 × 1440@(1–25/30 fps) Sub stream: 704 × 576@(1–25 fps)/704 × 480@(1–30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.			
<b>Stream Capability</b>	2 streams			
<b>Resolution</b>	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)			

<b>Bit Rate Control</b>	CBR/VBR
<b>Video Bit Rate</b>	H.264: 32kbps-6144 kbps H.265: 12kbps-6144 kbps
<b>Day/Night</b>	Auto (ICR); Colour; B/W
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>WDR</b>	120 dB
<b>White Balance</b>	Auto; natural; street lamp; outdoor; manual; regional custom
<b>Gain Control</b>	Manual; Auto
<b>Noise Reduction</b>	3D NR
<b>Motion Detection</b>	OFF/ON (4 areas, rectangular)
<b>Region of Interest (RoI)</b>	Yes (4 areas)
<b>Smart Illumination</b>	Yes
<b>Image Rotation</b>	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
<b>Mirror</b>	Yes
<b>Privacy Masking</b>	4 areas
<b>Audio</b>	
<b>Built-in MIC</b>	Yes
<b>Audio Compression</b>	G.711a; G.711Mu; G.726; PCM
<b>Alarm</b>	
<b>Alarm Event</b>	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; defocus detection; SMD; security exception
<b>Network</b>	
<b>Network Port</b>	RJ-45 (10/100 Base-T)
<b>SDK and API</b>	Yes
<b>Network Protocol</b>	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP
<b>Interoperability</b>	ONVIF (Profile S/ Profile T); CGI; P2P; Milestone

<b>User/Host</b>	6 ( Total bandwidth: 36M)
<b>Storage</b>	FTP; SFTP; Micro SD card (support max. 256 GB)
<b>Browser</b>	IE; Chrome; Firefox
<b>Management Software</b>	SPRO CSS
<b>Mobile Client</b>	iOS; Android
<b>Cyber Security</b>	Video encryption; Configuration encryption; Digest; WSSE; Account lockout; Security logs; IP/MAC filtering; Generation and importing of X.509 certification; syslog; HTTPS;802.1x; Trusted boot; Trusted execution; Trusted upgrade
<b>Certification</b>	
<b>Certifications</b>	CE-LVD:EN62368-1; CE-EMC:Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B
<b>Power</b>	
<b>Power Supply</b>	12 VDC/PoE (802.3 af)
<b>Power Consumption</b>	Basic: 1.9 W (12 VDC); 2.8 W (PoE) Max. (H.265+intelligence on +WDR +IR on): 6.1 W (12 VDC); 7.3 W (PoE)
<b>Environment</b>	
<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Operating Humidity</b>	≤95%
<b>Storage Temperature</b>	-40 °C to +60 °C (-40°F to +140°F)
<b>Protection</b>	IP67
<b>Structure</b>	
<b>Casing Material</b>	Metal
<b>Product Dimensions</b>	108.3 mm × Φ122 mm (4.26" × Φ4.80")
<b>Net Weight</b>	0.86 kg (1.90 lb)
<b>Gross Weight</b>	0.69 kg (1.52 lb)

Dimensions (mm[inch])



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