

# SPRO<sup>®</sup> IP

## DHIPD50/28RG/30-M-E

5 MEGAPIXEL IP TURRET CAMERA



5 MEGAPIXEL



2.8MM



30m IR



MICROPHONE



IP67

ONVIF

### Key Features:

- 5 Megapixel progressive scan CMOS
- H.265 & H.264 dual-stream encoding
- 5M@20fps(2880×1620)
- Microphone Built-in (Directional)
- 2.8mm fixed lens
- Max. IR LEDs Length 30m
- IP67 waterproof
- DC 12V / POE



## SPECIFICATIONS

<b>Model Number</b>	DHIPD50/28RG/30-M-E
<b>Image Sensor</b>	1/2.7" CMOS
<b>Max. Resolution</b>	2880 (H) × 1620 (V)
<b>ROM</b>	16 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>	0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)

(continued)

<b>S/N Ratio</b>	> 56 dB
<b>Illumination Distance</b>	30 m (98.43 ft) (IR)
<b>Illuminator On/Off Control</b>	Auto/Manual
<b>Illuminator Number</b>	1 (IR LED)
<b>Pan/Tilt/Rotation Range</b>	Pan: 0°–360° / Tilt: 0°–78° / Rotation: 0°–360°

### Lens

<b>Lens Type</b>	Fixed-focal
<b>Lens Mount</b>	M12
<b>Focal Length</b>	2.8 mm
<b>Max. Aperture</b>	F2.0
<b>Field of View</b>	Horizontal: 106°; Vertical: 56°; Diagonal: 125°
<b>Iris Control</b>	Fixed
<b>Close Focus Distance</b>	0.8 m (2.62 ft)

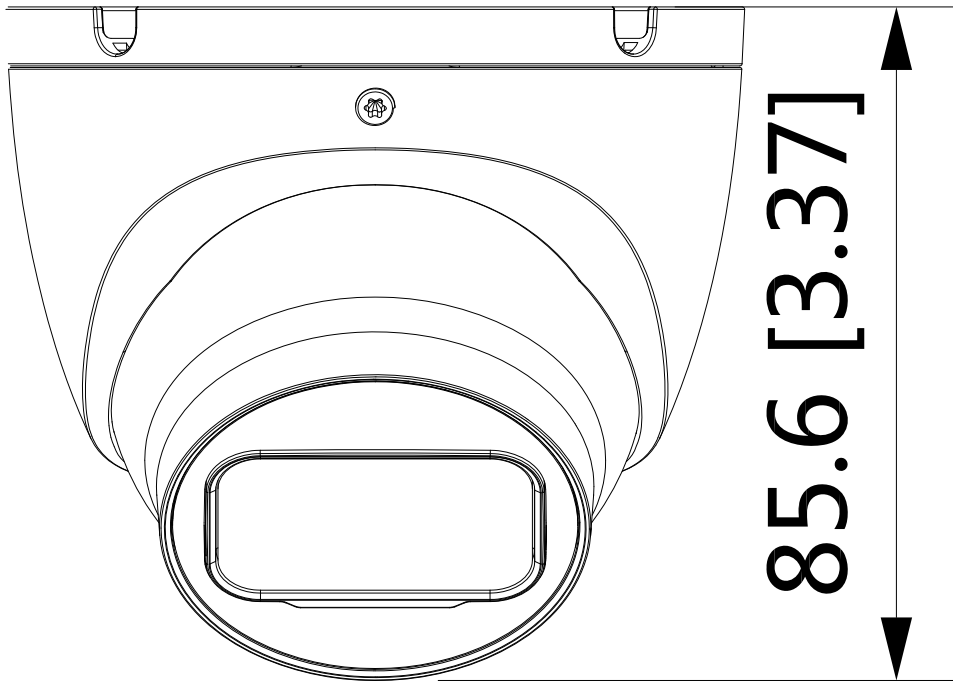
<b>DORI Distance</b>	<b>Lens</b>	Detect	Observe	Recognize	Identify
	<b>2.8 mm</b>	56.0 m	22.4 m	11.2 m	5.6 m

### Video

<b>Video Compression</b>	H.265; H.264; 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: 2880 × 1620 (1 fps–20 fps), 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps), 704 × 480 (1 fps–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>	2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 3M (2048 × 1536); 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)

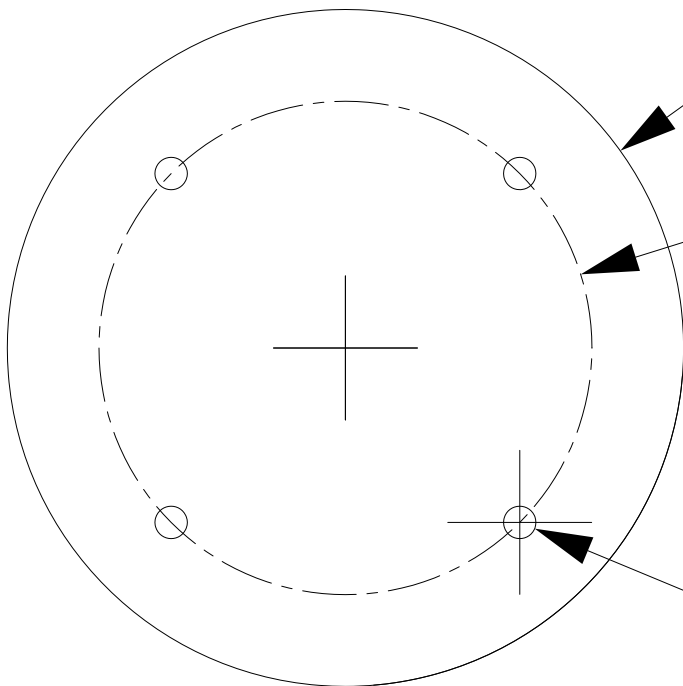
<b>Bit Rate Control</b>	CBR/VBR
<b>Video Bit Rate</b>	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
<b>Day/Night</b>	Auto (ICR)/Color/B/W
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>WDR</b>	DWDR
<b>White Balance</b>	Auto; natural; street lamp; outdoor; manual; regional custom
<b>Gain Control</b>	Auto; manual
<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 & 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>	Network disconnection; IP conflict; illegal access; motion detection; video tampering; audio detection; security exception
<b>Network</b>	
<b>Network Port</b>	RJ-45 (10/100 Base-T)
<b>SDK and API</b>	Yes
<b>Cyber Security</b>	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade.
<b>Network Protocol</b>	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast

<b>Interoperability</b>	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone
<b>User/Host</b>	6 (Total bandwidth: 48 M)
<b>Storage</b>	FTP
<b>Browser</b>	IE, Chrome, Firefox
<b>Management Software</b>	DMSS
<b>Mobile Client</b>	iPhone, iPad & Android
<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>	12V DC/PoE (802.3af)
<b>Power Consumption</b>	Basic: 1.7 W (12V DC); 2.5W (PoE) Max. (ICR + H.265 + max. resolution + main stream + DWDR + IR intensity): 3.7 W (12V DC); 4.5 W (PoE)
<b>Environment</b>	
<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °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</b>	Metal
<b>Product Dimensions</b>	85.6 mm × Φ94.0 mm (3.4" × Φ3.7")
<b>Net Weight</b>	0.32 kg (0.71 lb)
<b>Gross Weight</b>	0.43 kg (0.95 lb)



mm[inch]

Ø94 [Ø3.7]



Ø68.5 [Ø2.7]

Ø4.5 [Ø0.18]



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