



## DHD50/28RG/30-4-M

5MP Turret Camera With Microphone Built-in



5 MEGAPIXEL



2.8 MM



30m IR



MICROPHONE



IP67



### Key Features:

- Max 25fps@5MP (16:9 video output)
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8mm optional)
- Built-in mic (-A)
- Max. IRLenght 30m, Smart IR
- IP67, DC12V

## SPECIFICATIONS

<b>Model Number</b>	DHD50/28RG/30-4-M
<b>Image Sensor</b>	5MP CMOS
<b>Max. Resolution</b>	2880 (H) x 1620 (V)
<b>Pixel</b>	5 MP
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	PAL:1/25 s - 1/100000s NTSC: 1/30s - 1/100000s
<b>S/N Ratio</b>	> 65 dB
<b>Min. Illumination</b>	0.005 Lux/F1.6, 30IRE, 0 Lux IR on
<b>Illumination Distance</b>	30m (98.4ft)
<b>Illuminator On/Off Control</b>	Auto; manual

<b>Illuminator Number</b>	1 (IR light)
<b>Pan/Tilt/Rotation Range</b>	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

**Lens**

<b>Lens Type</b>	Fixed lens
<b>Mount Type</b>	M12
<b>Focal Length</b>	2.8mm;3.6mm;
<b>Max. Aperture</b>	F1.6
<b>Field of View</b>	2.8mm:H:111° V:58° D:132° 3.6mm: H:92° V:48° D:109°
<b>Iris Type</b>	Fixed
<b>Close Focus Distance</b>	2.8 mm: 0.9 m (3.0 ft) 3.6 mm: 1.6 m (5.2 ft)

<b>DORI</b>	Lens	Detect	Observe	Recognize	Identify
<b>Distance</b>	2.8mm	63.6m (208.7 ft)	25.4m (83.3 ft)	12.7m (41.7 ft)	6.4m (21.0 ft)
	3.6mm	80.0m (262.5 ft)	32.0m (105.0 ft)	16.0m (52.5 ft)	8.0m (26.2 ft)

**Video**

<b>Frame Rate</b>	CVI: PAL: 5M@25 fps; 4M@25 fps; 1080P@25 fps; NTSC: 5M@25 fps; 4M@30 fps; 1080P@30 fps AHD: PAL: 4M@25 fps; NTSC: 4M@30 fps TVI: PAL: 4M@25 fps; NTSC: 4M@30 fps CVBS: PAL: 960H; NTSC: 960H
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<b>Resolution</b>	5M (2880 × 1620); 4M (2560 × 1440); 1080P (1920 × 1080); 960 H (960 × 576/960 × 480)
<b>Day/Night</b>	Auto Switch by ICR
<b>BLC</b>	BLC/HLC/DWDR
<b>WDR</b>	DWDR
<b>White Balance</b>	Auto; Area WB
<b>Gain Control</b>	Auto/Manual
<b>Noise Reduction</b>	2D NR
<b>Smart IR</b>	Yes
<b>Mirror</b>	Off/On
<b>Privacy Masking</b>	Off/On (8 area, rectangle)
<b>Certifications</b>	
<b>Certifications</b>	CE (EN55032, EN55024, EN50130-4, EN62368-1) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
<b>Port</b>	
<b>Video Output</b>	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
<b>Audio Input</b>	One channel built-on mic (-A)
<b>Power</b>	
<b>Power Supply</b>	12V ±30% DC
<b>Power Consumption</b>	Max 3.2W (12V DC, IR on)
<b>Environment</b>	
<b>Operating Temperature</b>	-40°C to +60°C (-40°F to 140°F); < 95% (non-condensation)
<b>Storage Temperature</b>	-40°C to +60°C (-40°F to 140°F); < 95% (non-condensation)
<b>Protection Grade</b>	IP67
<b>Structure</b>	
<b>Casing</b>	Metal throughout the whole casing
<b>Camera Dimensions</b>	φ94.0 mm × 85.7 mm (φ3.70" × 3.37")
<b>Net Weight</b>	0.33 kg (0.73 lb)
<b>Gross Weight</b>	0.47 kg (1.04 lb)

Dimensions (mm[inch])

