

DHD50/28RG/30-4-M-V2

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
- 2.8 fixed lens
- Built-in mic
- Max. IR length 30m, Smart IR
- IP67, 12 VDC

SPECIFICATIONS

Model Number	DHD50/28RG/30-4-M-V2
Image Sensor	5MP CMOS
Max. Resolution	2880 (H) x 1620 (V)
Pixel	5 MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100,000 s NTSC: 1/30 s–1/100,000 s
S/N Ratio	> 65 dB
Min. Illumination	0.01 lux@F1.6 (Colour, 30 IRE) 0.001 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)

Illumination Distance	IR: 30 m (98.43 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	1 (IR Light)
Angle Adjustment	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8
Max. Aperture	F1.6
Field of View	H: 113.3°; V: 62.1°; D: 134.3°
Iris Control	Fixed
Close Focus Distance	0.8 m (2.62 ft)

DORI Distance	Detect: 59.8 m (196.19 ft) Observe: 23.9 m (78.41 ft) Recognise: 12.0 m (39.37 ft) Identify: 6.0 m (19.69 ft)
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*DORI (Detect, Observe, Recognise, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.

Video

Video Frame Rate

CVI:

PAL: 5M@25 fps; 5M@12.5 fps; 4M@25 fps; 1080p@25 fps

NTSC: 5M@25 fps; 5M@20 fps; 5M@10 fps; 4M@25 fps; 1080p@25 fps

AHD:

PAL: 4M@25 fps

NTSC: 4M@25 fps

TVI:

PAL: 5M 16:9@20 fps

NTSC: 5M 16:9@20 fps

CVBS:

PAL: 960H

NTSC: 960H

Resolution	5M (2880×1620); 4M (2560×1440); 1080p (1920×1080); 960 H (960×576/960×480); TVI 5M 16:9 (2960×1665)
Day/Night	Auto(ICR)/Colour/B/W
BLC	BLC; HLC; WDR
WDR	DWDR
White Balance	Auto;Area white balance
Gain Control	Auto / Manual
Noise Reduction	3D NR
Illumination Mode	Smart IR
Mirror	Yes
Privacy Masking	Off / On (8 areas, rectangle)

Certification

Certifications

CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035;

Audio

Built-in Mic

Yes

Camera Audio

CVI

Pick-up Distance

8m (26.25 ft)

Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port (DIP Switch)
Power	
Power Supply	12 VDC (±30%)
Power Consumption	Max 3.2 W (12 VDC, IR on)
Environment	
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Humidity	<95% (RH), non-condensing
Protection	IP67
Anti-corrosion Level	Basic Protection
Structure	
Casing Material	Metal
Product Dimensions	Φ94.0 mm × 85.7 mm (Φ3.7" × 3.37")
Net Weight	0.33 kg (0.73 lb)
Gross Weight	0.47 kg (1.04 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

Dimensions (mm[inch])

