

SPRO[®]

DHD80/28RW/30-4-M

4K IR Analogue Camera



Key Features:

- Max. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- 2.8 mm fixed lens
- Built-in Mic
- Max. IR length 30 m, Smart IR
- IP67, DC12V

SPECIFICATIONS

Model No.	DHD80/28RW/30-4-M
Camera	
Image Sensor	1 / 2.7 inch CMOS
Max. Resolution	3840 (H) x 2160 (V)
Pixel	8 MP
scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100, 000s; NTSC: 1/30 s–1/100, 000 s
S/N Ratio	> 65 dB
Min. Illumination	0.03 Lux/ F2.0, 30 IRE, 0 Lux IR on

(continued)

Illumination Distance	30 m (98.4ft)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	1 (IR light)
Pan / Tilt / Rotation Range	Pan: 0°–360°; Tilt: 0°–78°; Rotation: 0°–360°

Lens

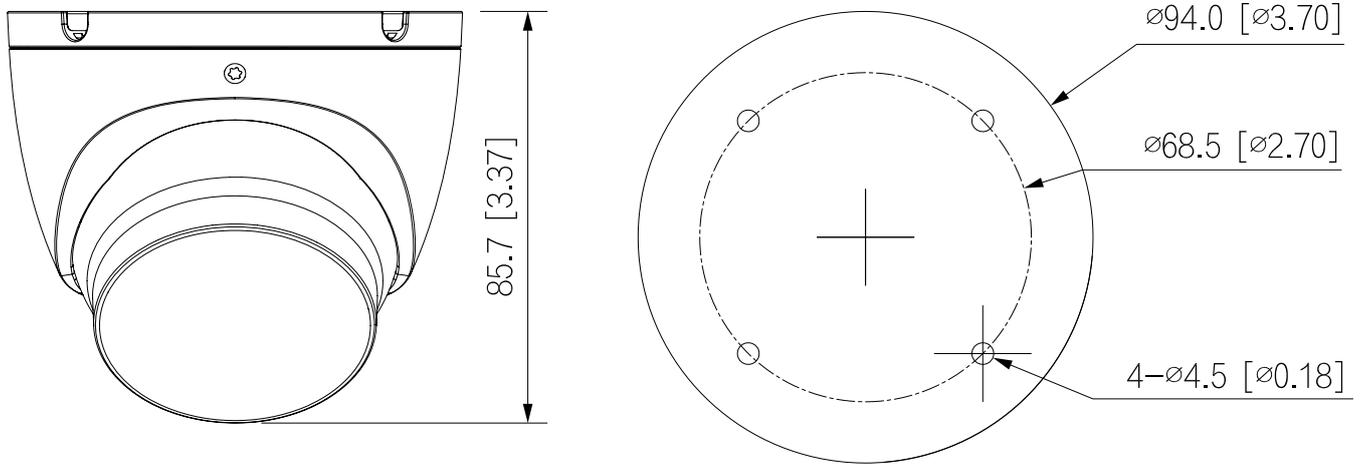
Lens Type	Fixed lens
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F2.0
Field of View	2.8 mm: H:105° V:56° D:125°
Iris Type	Fixed
Close Focus Distance	2.8 mm: 1.0 m (3.3 ft);
DORI	Detect: 75m (246.1 ft) Observe: 30m (98.4 ft) Recognise: 15m (49.2 ft) Identify: 8m (26.2 ft)

Video

Video Frame Rate	CVI: PAL:4K@25fps; 4K@15fps; 5M@20fps; 4M@25fps; NTSC:4K@30fps; 4K@15fps; 5M@20fps; 4M@30fps; AHD: PAL: 4K@15fps; NTSC:4K@15fps; TVI: PAL: 4K@15fps; NTSC:4K@15fps; CVBS: PAL: 960H; NTSC: 960H
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Resolution	4K (3840×2160); 5M (2592×1944); 4M (2560×1440); 960H (960× 576/960×480)
Day / Night	Auto switch by ICR
BLC	BLC / HLC / DWDR
WDR	DWDR
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	2D NR
Smart IR	Yes
Mirror	Off / On
Privacy Masking	Off / On (8 area, rectangle)
Certifications	
Certifications	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)
Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	One channel built-in Mic
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 4.3 W (12V DC, IR on)
Environment	
Operating Temperature	-40°C to +60°C (-40°F to 140°F); < 95% (non-condensation)
Storage Temperature	-40°C to +60°C (-40°F to 140°F); < 95% (non-condensation)
Protection Grade	IP67
Structure	
Casing	Metal throughout the whole casing
Camera Dimensions	φ94.0 mm × 85.7 mm (φ3.70" × 3.37")
Net Weight	0.33 kg (0.73 lb)
Gross Weight	0.47 kg (1.04 lb)

Dimensions (mm[inch])



Accessories



IRDOMEBASE-S-W



WALLBRACKET05-W



POLEBRACKET01



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