

SPRO

DHD80/28LRG-4-M-V2

4K 8MP Turret with
COLOUR NIGHT 2.0 and Built-In Microphone

COLOUR NIGHT 2.0

SMART DUAL ILLUMINATION



8 MEGAPIXEL



2.8 MM



40m LED



MICROPHONE



IP67

Key Features:

- H.265
- 8 megapixel
- 2.8 mm Lens
- Microphone built-in
- Warm light range: up to 40m
- IR range: Up to 40m
- Metal housing
- IP67 waterproof
- 12 VDC / POE



SPECIFICATIONS

Model Number	DHD80/28LRG-4-M-V2
Image Sensor	4K CMOS
Max. Resolution	3840 (H) × 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100,000 s NTSC: 1/30 s–1/100,000 s
Min. Illumination	0.01 lux@F2.0 (Colour, 30 IRE) 0.001 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB

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Illumination Distance	IR: 40 m (131.23 ft); Warm Light: 40 m (131.23 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	4 (Multi-core light)
Angle Adjustment	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm
Max. Aperture	F2.0
Field of View	H: 105.5°; V: 56.5°; D: 125.3°
Iris Control	Fixed
Close Focus Distance	1.3 m (4.27 ft)
DORI Distance	Detect: 88.0 m (288.71 ft) Observe: 35.2 m (115.49 ft) Recognise: 17.6 m (57.74 ft) Identify: 8.8 m (28.87 ft)

Video

Video Frame Rate	CVI: PAL: 4K@15 fps; NTSC: 4K@15 fps; AHD: PAL: 4K@15 fps; NTSC: 4K@15 fps; TVI: PAL: 4K@15 fps; NTSC: 4K@15 fps; CVBS: PAL: 960H NTSC: 960H
Resolution	4K (3840 × 2160); 960H (960 × 576/960 × 480)
Day/Night	Auto(ICR)/Colour/B/W
BLC	BLC; HLC; WDR

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WDR	DWDR
White Balance	Auto
Gain Control	Auto
Noise Reduction	3D NR
Illumination Mode	Smart IR&WL(CVI,TVI); WL Mode; IR Mode
Mirror	Yes
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 (26.25ft)
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 7.2 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	Φ106.0 mm × 96.9 mm (Φ4.17" × 3.81")
Net Weight	0.48 kg (1.06 lb)
Gross Weight	0.62 kg (1.37 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

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