

SPRO®

DHD50/28LRG-4-M

5MP Smart Dual Illumination Eyeball Camera



5 MEGAPIXEL



2.8 MM



40m IR



MICROPHONE



IP67

COLOUR NIGHT 2.0

SMART DUAL ILLUMINATION

AUDIO

OVER CO-AX CABLE

Key Features:

- Max 25fps@5MP (16:9 video output)
- 120dB true WDR, 3D NR
- Smart dual Illumination
- 40m Illumination distance
- Built-in MIC
- 2.8 mm fixed lens
- CVI/CVBS/AHD/TVI switchable.
- IP67, 12VDC

This camera Smart Dual Illumination is compatible with the following DVR models:

DHDVR06-B5-V3

DHDVR06-B6-V2

DHDVR12-B5-V3

DHDVR12-B6

DHDVR24-B5-V3

DHDVR24-B6

DHDVR32-B5

DHDVR24-B6-2H-V2

DHDVR32-B6

SPECIFICATIONS

Model Number	DHD50/28LRG-4-M
Image Sensor	5MP CMOS
Max. Resolution	2880 (H) x 1620 (V)
Pixel	5 MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3 s–1/100000 s NTSC: 1/4 s–1/100000 s
S/N Ratio	> 65 dB
Min. Illumination	0.001 lux@F1.0 (Color, 30 IRE); 0.0001 lux@F1.0 (B/W, 30 IRE); 0 lux (Illuminator on)

(continued)

Illumination Distance	IR: 40 m (131.23 ft); Warm light: 40 m (131.23 ft)
Illuminator On/Off Control	Auto; manual
Illuminator Number	2 (IR light); 2 (Warm light)
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

Lens

Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8mm;
Max. Aperture	F1.0
Field of View	2.8mm:H:111° V:57° D:131°
Iris Control	Fixed
Close Focus Distance	2.8 mm: 1.5 m (4.92 ft)

DORI	Lens	Detect	Observe	Recognize	Identify
Distance	2.8mm	66.0m (216.54 ft)	26.4m (86.61 ft)	13.2m (43.31 ft)	6.6m (21.65 ft)

Video

Frame Rate	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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Resolution	5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Day/Night	Auto (ICR)/Colour/B/W
BLC	BLC/HLC/WDR/HLC-Pro
WDR	120 dB
White Balance	Auto; Area White Balance
Gain Control	Auto/Manual
Noise Reduction	3D NR
Defog	Electronic defog
Digital Zoom	4x
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)
Illumination Mode	Smart IR&WL; WL Mode; IR Mode

Certifications

Certifications	CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN55035:2017, EN50130-4:2011+A1:2014, EN62368-1:2014+A11:2017) FCC (CFR 47 FCC Part 15 subpart B, ANSI C63.4-2014) UL (UL62368-1+CAN/CSA C22.2 No.62368-1-14)
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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	12 VDC ± 30%
Power Consumption	Max 5.7 W (12 VDC, LED 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)
Protection	IP67

Structure

Casing Material	Metal
Product Dimensions	Φ106.0 mm × 93.6 mm (Φ4.17" × 3.69")
Packaging Dimensions	148 mm × 139 mm × 137 mm (5.83" × 5.47" × 5.39")
Net Weight	0.49 kg (1.08lb)
Gross Weight	0.66 kg (1.46 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

Dimensions (mm[inch])

