

SPRO®

COLOURNIGHT

DHD50/28LG/40-M-D

5MP ColourNight Turret Camera with Active Deterrence



5 MEGAPIXEL



2.8 MM



40m LED



MICROPHONE



IP67



AUDIO

OVER CO-AX CABLE

Key Features:

- 5 megapixel
- 2.8mm Lens
- Up to 40m LED distance (smart LED)
- Microphone built-in (audio over CAT5e cable)
- IP67 waterproof
- 12V±30% DC



SPECIFICATIONS

Model Number	DHD50/28LG/40-M-D
Image Sensor	1/2.7" CMOS
Effective Pixels	2592(H) X 1944(V)
Pixel	5MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s–1/100000 s, NTSC: 1/30 s–1/100000 s
S/N Ratio	>65 dB
Min. Illumination	0.005 Lux/F1.2, 0 Lux warm light on
Illumination Distance	40 m

(continued)

Illumination Type	Warm light
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (Warm light)
Pan/Tilt/Rotation Range	Horizontal: 0°–360°; vertical: 0°–78°; rotation: 0°–360°
Lens	
Lens Type	Fixed focal
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F1.2
Field of View	Horizontal:98°; vertical: 71°; diagonal: 129°
Iris Type	Fixed
Close Focus Distance	1.6 m (5.25 ft)
DORI Distance	Detect: 67.4m Observe: 27 m Recognize: 13.5 m Identify: 6.7 m
Active Deterrence	
Red/Blue Light Warning	Flash: 5 s–30 s; frequency: high/ medium/ low
Sound Warning	Audio 1/2/3; Volume: high/ medium/ low; duration: 5 s–30 s; 110 dB
Video	
Video Frame Rate	CVI: 5M@20 fps, 4M@25 fps/30 fps, 1080p@25 fps/30 fps; AHD: 5M@20 fps; TVI: 5M@20 fps; CVBS: 960H
Resolution	5M (2592 × 1944); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
BLC Mode	BLC/HLC/DWDR
WDR	DWDR
White Balance	Auto/ Manual
Gain Control	Auto/Manual
Noise Reduction	2D
Smart Light	Yes
Mirror	Off/On
Privacy Masking	Off/On (8 Area, Rectangle)

Certification

Certifications

CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013,
EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014)
FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)
IEC 62368-1:2014 (Second Edition)

Port

Video Output 1 BNC output, Support CVI/TVI/AHD/CVBS

Audio Input Built-in mic

Alarm out 1ch alarm out

General

Power Supply 12V \pm 30% DC

Power Consumption Max 7.7W (12V DC, warm light on)

Operating Conditions -40°C to $+60^{\circ}\text{C}$ (-40°F to 140°F); <95% (non-condensation)

Storage Conditions -40°C to $+60^{\circ}\text{C}$ (-40°F to 140°F); <95% (non-condensation)

Ingress Protection IP67

Casing Metal

Dimensions $\Phi 122.0$ mm \times 110.9 mm ($\Phi 4.8$ " \times 4.4")

Net Weight 0.69 kg (1.52 lb)

Gross Weight 0.95 kg (2.01 lb)

