

**SPRO**<sup>®</sup>

**COLOURNIGHT**

# DHD80/28LG/40-M-D

8MP ColourNight Turret Camera with Active Deterrence



8 MEGAPIXEL



2.8 MM



40m LED



MICROPHONE



IP67



4K  
8MP



AUDIO

OVER CO-AX CABLE

## Key Features:

- 8 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	DHD80/28LG/40-M-D
Image Sensor	1/2.8" CMOS
Effective Pixels	3840(H)×2160(V)
Pixel	8MP (4K)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3s–1/100000 s, NTSC: 1/4 s–1/100000 s
S/N Ratio	>65 dB
Min. Illumination	0.005 Lux/F1.6, 0 Lux warm light on
Illumination Distance	40 m

(continued)

<b>Illumination Type</b>	Warm light
<b>Illuminator On/Off Control</b>	Auto/Manual
<b>Illuminator Number</b>	2 (Warm light)
<b>Pan/Tilt/Rotation Range</b>	Horizontal: 0°–360°; vertical: 0°–78°; rotation: 0°–360°

### Lens

<b>Lens Type</b>	Fixed focal
<b>Mount Type</b>	M12
<b>Focal Length</b>	2.8 mm
<b>Max. Aperture</b>	F1.6
<b>Field of View</b>	Horizontal:107°; vertical: 56°; diagonal: 127°
<b>Iris Type</b>	Fixed
<b>Close Focus Distance</b>	1.5m(4.92ft)
<b>DORI Distance</b>	Detect: 87.7m   Observe: 35.1 m   Recognize: 17.5 m   Identify: 8.8 m

### Active Deterrence

<b>Red/Blue Light Warning</b>	Flash: 5 s–30 s; frequency: high/ medium/ low
<b>Sound Warning</b>	Audio 1/2/3; Volume: high/ medium/ low; duration: 5 s–30 s; 110 dB

### Video

<b>Video Frame Rate</b>	<b>CVI:</b> 4K@15fps/25fps/30fps, 4M@25fps/30fps; <b>AHD:</b> 4K@15fps; <b>TVI:</b> 4K@15fps;
<b>Resolution</b>	4K(3840×2160);4M(2560×1440)
<b>BLC Mode</b>	BLC/HLC/DWDR
<b>WDR</b>	DWDR
<b>White Balance</b>	Auto/ Manual
<b>Gain Control</b>	Auto/Manual
<b>Noise Reduction</b>	2D
<b>Smart Light</b>	Yes
<b>Mirror</b>	Off/On
<b>Privacy Masking</b>	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

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

**Storage Conditions**  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ ); <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)

