

# SPRO®

## COLOURNIGHT

### DHD50/28LW/40-M-D

5MP ColourNight Turret Camera with Active Deterrence



5 MEGAPIXEL



2.8 MM



40m LED



MICROPHONE



IP67



#### 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	DHD50/28LW/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)

<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°
<b>Lens</b>	
<b>Lens Type</b>	Fixed focal
<b>Mount Type</b>	M12
<b>Focal Length</b>	2.8 mm
<b>Max. Aperture</b>	F1.2
<b>Field of View</b>	Horizontal:98°; vertical: 71°; diagonal: 129°
<b>Iris Type</b>	Fixed
<b>Close Focus Distance</b>	1.6 m (5.25 ft)
<b>DORI Distance</b>	Detect: 67.4m   Observe: 27 m   Recognize: 13.5 m   Identify: 6.7 m
<b>Active Deterrence</b>	
<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
<b>Video</b>	
<b>Video Frame Rate</b>	<b>CVI:</b> 5M@20 fps, 4M@25 fps/30 fps, 1080p@25 fps/30 fps; <b>AHD:</b> 5M@20 fps; <b>TVI:</b> 5M@20 fps; <b>CVBS:</b> 960H
<b>Resolution</b>	5M (2592 × 1944); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
<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/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**  $-40^{\circ}\text{C}$  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)

