

**SPRO**<sup>®</sup>

# DHIPD80/28RV-W-V3

SPRO 8MP IR Fixed-focal Dome Network Camera



8 MEGAPIXEL



2.8 MM



30m IR



VANDAL PROOF



IP67



## Key Features:

- 8MP, 1/2.7" CMOS image sensor
- 3840 × 2160 @15 fps, 2688 x 1520 @25/30 fps
- H.265
- 30 m IR distance
- RoI, SMART H.264+/H.265+
- Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking
- Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict, illegal access
- 12V DC/PoE power supply
- IP67 and IK10 protection



## SPECIFICATIONS

<b>Model Number</b>	DHIPD80/28RV-W-V3
<b>Image Sensor</b>	1/2.7" CMOS
<b>Effective Pixels</b>	3840 (H) × 2160 (V)
<b>ROM</b>	16 MB
<b>RAM</b>	256 MB
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	Auto / Manual 1/3 s-1/100,000 s
<b>Min. Illumination</b>	0.04 Lux@F2.0 (Colour, 30 IRE); 0.004 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)

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<b>S/N Ratio</b>	>56 dB
<b>Illumination Distance</b>	30 m (98.43 ft) (IR)
<b>Illuminator On/Off Control</b>	Auto; Manual
<b>Illuminator Number</b>	3 (IR LED);
<b>Pan/Tilt/Rotation Range</b>	Pan: 0°–355° - Tilt: 0°–65° - Rotation: 0°–355°

## Lens

<b>Lens Type</b>	Fixed-focal
<b>Lens Mount</b>	M12
<b>Focal Length</b>	2.8mm
<b>Max. Aperture</b>	2.0
<b>Field of View</b>	2.8 mm: Horizontal: 105°; Vertical: 56°; Diagonal: 125°
<b>Iris Control</b>	Fixed
<b>Close Focus Distance</b>	1.0 m (3.3 ft)
<b>DORI Distance</b>	<b>Detect:</b> 74.7 m (245.1 ft)   <b>Observe:</b> 29.9 m (98.1 ft) <b>Recognise:</b> 14.9 m (48.9 ft)   <b>Identify:</b> 7.5 m (24.6 ft)

## Video

<b>Video Compression</b>	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)
<b>Smart Codec</b>	Smart H.265+; Smart H.264+
<b>Video Frame Rate</b>	Main stream: 3840 × 2160 (1 fps–15 fps) 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)  *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
<b>Stream Capability</b>	2 streams
<b>Resolution</b>	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)

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<b>Bit Rate Control</b>	CBR/VBR
<b>Video Bit Rate</b>	H.264: 32 kbps–8192 kbps H.265: 12 kbps–8192 kbps
<b>Day / Night</b>	Auto(ICR) / Colour / B/W
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>WDR</b>	DWDR
<b>White Balance</b>	Auto; natural; street lamp; outdoor; manual; regional custom
<b>Gain Control</b>	Auto; Manual
<b>Noise Reduction</b>	3D NR
<b>Motion Detection</b>	OFF/ON (4 areas, rectangular)
<b>Region of Interest (ROI)</b>	Yes (4 areas)
<b>Smart Illumination</b>	Yes
<b>Image Rotation</b>	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
<b>Mirror</b>	Yes
<b>Privacy Masking</b>	4 areas

## Alarm

<b>Alarm Event</b>	Network disconnection; IP conflict; illegal access; motion detection; video tampering; safety exception
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## Network

<b>Network Port</b>	RJ-45 (10/100 Base-T)
<b>SDK and API</b>	Yes
<b>Cyber Security</b>	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade
<b>Network Protocol</b>	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast
<b>Interoperability</b>	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone
<b>User/Host</b>	6 (total bandwidth: 48M)
<b>Storage</b>	FTP
<b>Browser</b>	IE; Chrome; Firefox
<b>Management Software</b>	DMSS
<b>Mobile Client</b>	iOS; Android

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**Certification**

**Certifications**

CE-LVD: EN62368-1

CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU

FCC: 47 CFR FCC Part 15, Subpart B

**Power**

**Power Supply**

12V DC/PoE (802.3af)

**Power Consumption**

Basic: 2.5W (12V DC); 2.9W (PoE)

Max. (ICR + H.265 + max. resolution + main stream + DWDR + IR intensity): 5.3W (12V DC); 5.8W (PoE)

**Environment**

**Operating Temperature**

-40°C to +60°C (-40°F to +140°F)

**Operating Humidity**

≤ 95%

**Storage Temperature**

-40°C to +60°C (-40°F to +140°F)

**Protection**

IP67; IK10

**Structure**

**Casing**

Metal

**Product Dimensions**

81 mm × Φ109.9 mm (3.19" × Φ4.33")

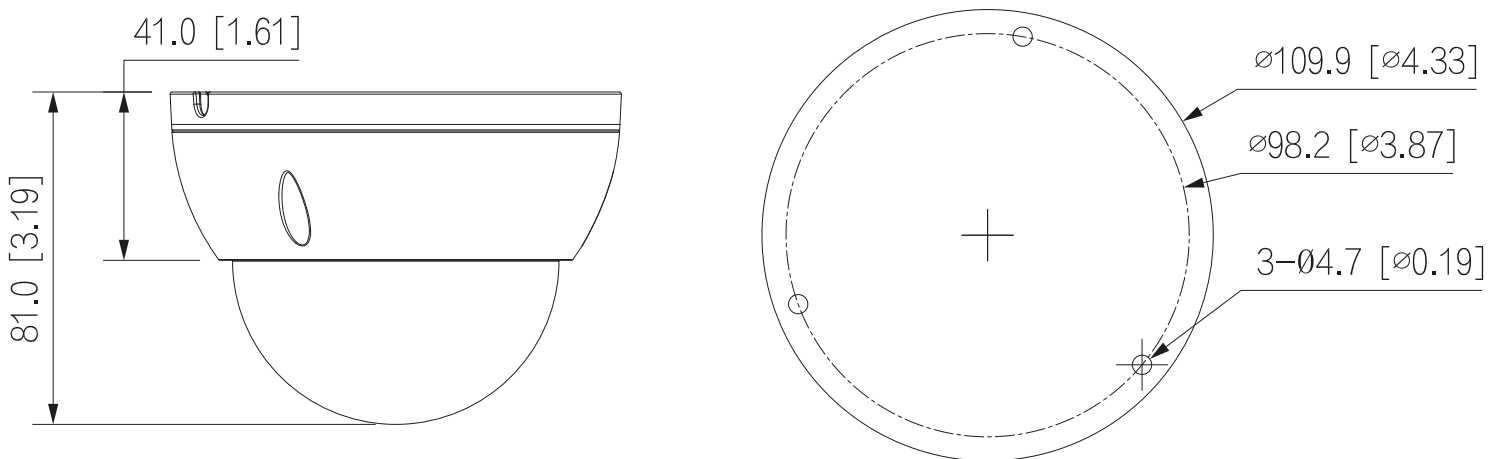
**Net Weight**

0.30 kg (0.7 lb)

**Gross Weight**

0.44 kg (1.0 lb)

**Dimensions (mm[inch])**



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