

# SPRO<sup>®</sup> IP

## DHIPD80/28RV-G-V2

8 Megapixel IP Vandal Resistant Dome Camera



### Key Features:

- 8 Megapixel progressive CMOS
- H.265 & H.264 dual-stream encoding
- 1 - 15fps@8MP(3840x2160)
- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm fixed lens
- Up to 30m IR distance
- IP67 waterproof and IK10 vandal resistance
- DC12V / PoE

### SPECIFICATIONS

<b>Model Number</b>	DHIPD80/28RV-G-V2
<b>Image Sensor</b>	1/2.7" 8Megapixel progressive CMOS
<b>Max. Resolution</b>	3840(H) x2160(V)
<b>ROM</b>	128 MB
<b>RAM</b>	256 MB
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	Auto/Manual, 1/3~1/100000s
<b>Min. Illumination</b>	0.009 Lux@F2.0
<b>S/N Ratio</b>	>56 dB
<b>Illumination Distance</b>	30 m (98.43 ft)
<b>Illuminator On/Off Control</b>	Auto/Manual

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<b>Illuminator Number</b>	3 (IR LED)
<b>Pan/Tilt/Rotation Range</b>	Pan: 0°–355°, Tilt: 0°–65°, Rotation: 0°–355°
<b>Lens</b>	
<b>Lens Type</b>	Fixed
<b>Mount Type</b>	M12
<b>Focal Length</b>	2.8mm
<b>Max. Aperture</b>	F2.0
<b>Field of View</b>	Horizontal 105° × Vertical 56° × Diagonal 125°
<b>Iris Type</b>	Fixed
<b>Close Focus Distance</b>	1.0 m (3.3 ft)
<b>DORI Distance</b>	Detect: 74.7m, Observe: 29.9m, Recognize: 14.9m, Identify: 7.5m
<b>Smart Event</b>	
<b>IVS</b>	Tripwire; intrusion
<b>Video</b>	
<b>Video Compression</b>	H.265; H.264; 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)
<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)
<b>Bit Rate Control</b>	CBR/VBR
<b>Video Bit Rate</b>	H.264: 32Kbps~8192Kbps H.265: 16Kbps~8192Kbps
<b>Day/Night</b>	Auto(ICR) / Color / B/W
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>WDR</b>	120 dB
<b>White Balance</b>	Auto/natural/street lamp/outdoor/manual/regional custom
<b>Gain Control</b>	Auto/Manual

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<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° (Supports 90°/270° with 3840 × 2160 resolution and lower.)
<b>Mirror</b>	Yes
<b>Privacy Masking</b>	4 areas
<b>Alarm</b>	
<b>Alarm Event</b>	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception
<b>Network</b>	RJ-45 (10/100 Base-T)
<b>SDK and API</b>	Yes
<b>Cyber Security</b>	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
<b>Protocol</b>	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
<b>Interoperability</b>	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
<b>User/Host</b>	20
<b>Storage</b>	FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
<b>Browser</b>	IE, Chrome, Firefox, Safari
<b>Management Software</b>	SPRO CSS
<b>Mobile Phone</b>	iPhone, iPad & Android
<b>Power</b>	
<b>Power Supply</b>	12V DC/PoE (802.3af)
<b>Power Consumption</b>	< 6.2W
<b>Power Temperature</b>	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH
<b>Storage Temperature</b>	-40°C to +60°C (-40°F to +140°F)
<b>Protection Grade</b>	IP67; IK10

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## Structure

<b>Casing</b>	Metal
<b>Dimensions</b>	81 mm × $\Phi$ 109.9 mm (3.19" × $\Phi$ 4.33")
<b>Net Weight</b>	0.350 kg (0.77 lb)
<b>Gross Weight</b>	0.491 kg (1.08 lb)

