

**SPRO**<sup>®</sup>**IP**

**COLOUR**NIGHT

**DHIPD40/28LW/30M-M**

4MP IP ColourNight Turret Camera



4 MEGAPIXEL



2.8 MM



30m LED



MICROPHONE



IP67

**ONVIF**



**Key Features:**

- 4 megapixel
- H.265
- 2.8mm fixed Lens
- Up to 30m LED distance (smart LED)
- Microphone built-in (audio over CAT5e cable)
- Full colour at night
- 120dB WDR
- IP67 waterproof
- DC 12V/POE



**SPECIFICATIONS**

|                         |                                  |
|-------------------------|----------------------------------|
| <b>Model Number</b>     | DHIPD40/28LW/30M-M               |
| <b>Image Sensor</b>     | 1/3" 4Megapixel progressive CMOS |
| <b>Effective Pixels</b> | 2688 (H) × 1520 (V)              |
| <b>ROM</b>              | 128 MB                           |
| <b>RAM</b>              | 128 MB                           |
| <b>Scanning System</b>  | Progressive                      |

(continued)

|                                   |   |
|-----------------------------------|---|
| <b>Electronic Shutter Speed</b>   | Auto/Manual 1/3 s–1/100000 s  |
| <b>Min. Illumination</b>          | 0.004 Lux@F1.0  |
| <b>S/N Ratio</b>                  | >56 dB  |
| <b>Illumination Distance</b>      | 30 m  |
| <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>                 | φ14   |
| <b>Focal Length</b>               | 2.8 mm  |
| <b>Max. Aperture</b>              | F1.0  |
| <b>Field of View</b>              | Horizontal: 96°; vertical: 51°; diagonal: 115°  |
| <b>Iris Type</b>                  | Fixed   |
| <b>Close Focus Distance</b>       | 1.3 m   |
| <b>DORI Distance</b>              | Detect: 56m   Observe: 22.4 m   Recognize: 11.2 m   Identify: 5.6 m   |
| <b>Smart event</b>                |   |
| <b>General IVS Analytics</b>      | Tripwire; intrusion   |
| <b>Video</b>                      |   |
| <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 (2688 × 1520@1–25 fps); (2560 × 1440@1–25 fps)<br>Sub stream (704 × 576 @1-25 fps/704 × 480 @ 1-20fps)  |
| <b>Stream Capability</b>          | 2 streams   |
| <b>Resolution</b>                 | 4M (2688 × 1520 / 2560 × 1440); 3M (2304 × 1296);<br>1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720);<br>D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (354 × 288/354 × 240) |
| <b>Bit Rate Control</b>           | CBR/VBR   |
| <b>Video Bit Rate</b>             | H.264: 32 Kbps–8192 Kbps<br>H.265: 12 Kbps–8192 Kbps  |

|                                |   |
|--------------------------------|---|
| <b>Day/Night</b>               | 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   |
| <b>Noise Reduction</b>         | 3D DNR  |
| <b>Motion Detection</b>        | OFF/ON (4 areas, rectangular)   |
| <b>Region of Interest(Rol)</b> | Yes (4 areas)   |
| <b>Smart LED</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   |
| <b>Audio</b>                   |   |
| <b>Built-in MIC</b>            | Yes   |
| <b>Audio Compression</b>       | G.711A; G.711Mu; G.726; AAC   |
| <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; audio detection; safety exception |
| <b>Network</b>                 |   |
| <b>Network</b>                 | RJ-45 (10/100 Base-T)   |
| <b>SDK and API</b>             | Yes   |
| <b>Protocol</b>                | HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; Bonjour   |
| <b>Interoperability</b>        | ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec   |
| <b>User/Host</b>               | 20 (Total bandwidth: 72M)   |

|                             |   |
|-----------------------------|---|
| <b>Edge Storage</b>         | FTP; SFTP; Micro SD Card (support max. 256 G); Cloud; NAS   |
| <b>Browser</b>              | IE: IE8, IE9, IE11, Chrome, Firefox   |
| <b>Management Software</b>  | SPRO CSS  |
| <b>Mobile Phone</b>         | iPhone, iPad & Android  |
| <b>Certification</b>        |   |
| <b>Certifications</b>       | CE-LVD: EN62368-1<br>CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU<br>FCC: 47 CFR FCC Part 15, Subpart B |
| <b>General</b>              |   |
| <b>Power Supply</b>         | 12V DC/PoE  |
| <b>Power Consumption</b>    | < 7.4W  |
| <b>Operating Conditions</b> | -40°C to +60°C (-40°F to +140°F)/less than ≤95%   |
| <b>Storage Conditions</b>   | -40°C to +60°C (-40°F to +140°F)  |
| <b>Ingress Protection</b>   | IP67  |
| <b>Casing</b>               | Metal   |
| <b>Dimensions</b>           | 89.2 mm × Φ105.0 mm   |
| <b>Net Weight</b>           | 0.365 kg  |
| <b>Gross Weight</b>         | 0.527 kg  |

