DHIPD60/28LRW/30-D-V5

6MP IP Smart Dual Illumination Active Deterrence PRO Camera

ACTIVE DETERRENCE PRO

ACUPICK TECHNOLOGY

COLOURNIGHT 2.0 SMART DUAL ILLUMINATION

SMD 4.0 Smart Motion Detection 4.0

PERIMETER PROTECTION

AI PRO ARTIFICIAL INTELLIGENCE

TWOWAYAUDIO

6 MEGAPIXEL | 2.8 MM | 30m LED | 30m IR | MICROPHONE | IP67

Key Features:

- 6-MP 1/1.8" CMOS
- 6 MP (3288 × 1850) at 25/30 frames per second
- Infrared range (IR): 30 metres; Warm light range: 30 metres
- SMART H.264+/H.265+, AI H.264/H.265
- Perimeter Protection (Human and Vehicle Classification)
- Alarm: 1 input, 1 output; audio: 1 input, 1 output
- Supports up to 512 GB Micro SD card
- Two-way-Audio
- 12 VDC/PoE power supply
- IP67
- Red and blue flashing lights

SPECIFICATIONS

Model Number	DHIPD60/28LRW/30-D-V5
Image Sensor	1/1.8" CMOS
Max. Resolution	3288 (H) × 1850 (V)
ROM	256 MB
RAM	2 G
Scanning System	Progressive

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Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.0005 Lux@F1.0 (Colour, 30IRE) 0.0004 Lux@F1.0 (B/W, 30IRE) 0 lux (Illuminator on)
S/N Ratio	＞56 dB
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (Warm light)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	2 (Multi-core (IR + warm) light)
Angle Adjustment	Pan: 0° - 360° Tilt: 0° - 78° Rotation: 0° - 360°
Lens	
Lens Type	Fixed-focal
Lens Mount	M16
Focal Length	2.8mm
Max. Aperture	F1.0
Field of View	H: 109°; V: 59°; D: 131°
Iris Control	Fixed
Close Focus Distance	2 m (6.56 ft)
DORI	**Detect:** 70.2 m(230.31 ft) **Observe:** 28.1 m (92.19 ft) **Recognise:** 14.0 m (45.93 ft) **Identify:** 7.0 m(22.97 ft)
Intelligence	
IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of Humans and Vehicles)
SMD	SMD 4.0
AcuPick	Uses deep learning algorithms and works with back-end devices to accurately match targets, such as people and motor vehicles, and search through live and recorded videos to quickly locate targets.
AI SSA	Adopt deep learning algorithms to adjust the parameters of the image to suit the conditions.

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Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Video	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
AI Coding	AI H.265 (Compression rate ≥25%) AI H.264 (Compression rate ≥25%)
Video Frame Rate	Main stream: 3288 × 1850@(1 fps–25/30 fps) Sub stream: 1920 × 1080@(1–25/30 fps) Third stream: 1920 × 1080@(1–25/30 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.
Stream Capability	3 streams
Resolution	6M (3288 × 1850/3200 × 1800); 4M (2688 × 1520/2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR/ABR
Video Bit Rate	H.264: 3 kbps–16384 kbps; H.265: 3 kbps–16384 kbps
Day/Night	Auto(ICR) / Colour / B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation (SSA)	Yes
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)

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Smart Illumination	Yes
Smart Dual Light	Yes
Defog	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Mirror	Yes
Privacy Masking	8 areas
LDC	Yes
Audio	
Built-in MIC	Yes, built-in dual Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	PCM; G.711a; G.711Mu; G.726; G.723
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; intensity change; voltage detection; external alarm; SMD; security exception
Network	
Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP; P2P
Interoperability	ONVIF (Profile S; Profile G;Profile T); CGI
User/Host	20 (Total bandwidth: 64 M)
Storage	FTP;SFTP; Micro SD card (support max. 512 GB); NAS
Browser	IE: IE11; Chrome ; Firefox
Management Software	Smart PSS Lite; DMSS
Mobile Client	iOS; Android

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Cyber Security	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
Certification	
Certifications	CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: wet contract, 5mA 3-5 VDC
Alarm Output	1 channel out: wet contact, 300 mA 12 VDC
Power	
Power Supply	12 VDC; PoE
Dual Power Backup	When the power adapter and PoE provide power at the same time, disconnect one of them. The device will continue to work, but will not restart.
Power Consumption	Basic: 4.1 W (12 VDC); 6 W (PoE) Max. (H.265+WDR+ warm light+siren and light active deterrence + intelligence on): 8.2 W (12 VDC); 10 W (PoE)
Environment	
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Operating Humidity	≤95%
Protection	IP67
Structure	
Casing Material	Metal
Product Dimensions	Φ122.0 mm × 116.1 mm (4.80" × Φ4.57")
Net weight	0.8 kg (1.76 lb)
Gross Weight	1.0 kg (2.20 lb)

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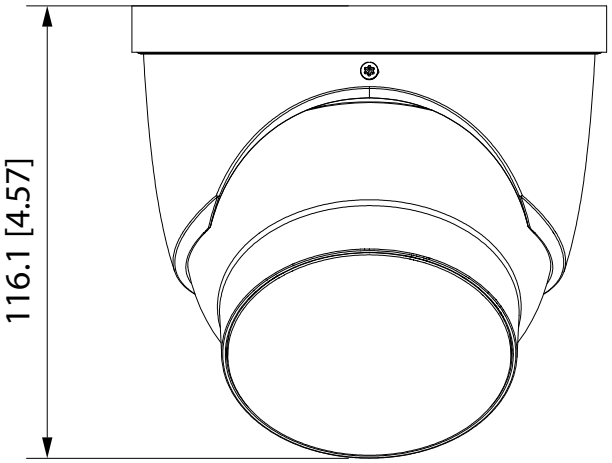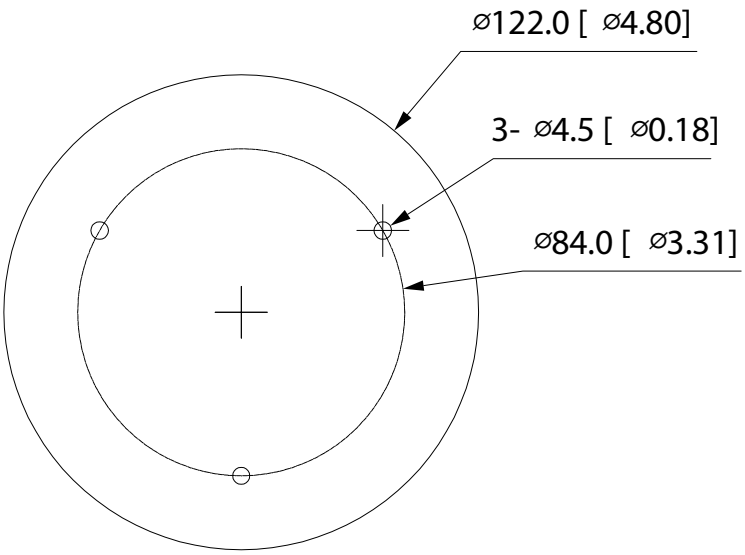
Dimensions (mm[Inch])