LUXRITE
SECURITY YOU CAN TRUST

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SPRO IP

COLOURNIGHT STARLIGHT

DHIPPD40/36L-DUO

4MP DUO IP PANORAMIC CAMERA WITH AI-PRO & COLOUR NIGHT

SMD Smart Motion Detection

PERIMETER PROTECTION

AI PRO ARTIFICIAL INTELLIGENCE

WDR

ONVIF

Key Features:

- 2 x 4 megapixel 3.6mm lens
- 180° panoramic splicing image
- Colour night (up to 40m white light)
- Microphone & speaker built-in
- 2 way audio (AOC)
- Alarm : 1 input & 1 output
- Audio : 1 in (or use built-in mic) & 1 out
- Super Starlight technology
- Perimeter protection : intrusion & tripwire
- People counting & smart object detection
- Classification of human & vehicle
- E-PTZ : Enlarge & track the targets of intelligent alarms
- Support up to 512GB micro SD card
- IP67 waterproof
- DC12V/POE+

Model Number	DHIPPD40/36L-DUO
Image Sensor	Dual 1/1.8" CMOS
Max Resolution	4096 (H) x 1800 (V)
ROM	128 MB
RAM	1GB
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, 30 IRE) 0.0002 lux@F1.0 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	40m (131.23 ft)
Illuminator On/Off Control	Auto
Illuminator Number	4 (Warm Light)
Pan / Tilt / Rotation Range	Pan: 0°–360° / Tilt: 4°–90° / Rotation: 0°–360°
Lens	
Lens Type	Fixed-focal
Lens Mount	M16
Focal Length	3.6 mm
Field of View	Horizontal: 180°; Vertical: 48°
Max. Aperture	F1.0
Iris Control	Fixed
Close Focus Distance	3.6 m (11.81 ft)
DORI Distance	Detect: 70.3 m (230.64 ft) Observe: 28.1 m (92.19 ft) Recognise: 14.1 m (46.26 ft) Identify: 7.0 m (22.97 ft)
Intelligence	
IVS (Perimeter Protection)	Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection, people gathering, and parking detection
Heat Map	Yes
Smart Object Detection	Smart abandoned object; smart missing object
People Counting	Support the counting of enter number, leave number and pass number, and displaying and outputting yearly/monthly/daily reports. Support the counting of number in area, and 4 rules configuration. Count number of people or stay time and link alarm. Support queue management, and 4 rules configuration. Count number of people or stay time and link alarm.

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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; AI H.264
Video Frame Rate	WDR Off: Main stream: 4096 × 1800 @ (1–25 fps) sub stream: 1024 × 452 @ (1–25 fps) third stream: 1920 × 832 @ (1–25 fps) WDR On: Main stream: 4096 × 1800 @ (1–20 fps) sub stream: 1024 × 452 @ (1–20 fps) third stream: 1920 × 832 @ (1–20 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	8M (4096 × 1800); 6.5M (3840 × 1680); 4M (3840 × 1080); 4M (2880 × 1264); 1.6M (1920 × 832); 0.7M (1280 × 560); 0.5M (1024 × 452)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 9 kbps–8192 kbps H.265: 9 kbps–8192 kbps
Day/Night	Colour / B/W
BLC	Yes
HLC	Yes
WDR	140 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)

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Region of Interest (RoI)	Yes (4 areas)
Privacy Masking	4 areas
Defog	Yes
Audio	
Built-in MIC	Yes
Audio Compression	G.711a; G.711Mu; PCM; 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; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; voltage detection; external alarm; SMD; people counting in area; stay detection; people counting; security exception
Network	
Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
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
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; SAMBA; PPPoE; SNMP; Bonjour
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone
User/Host	20 (Total bandwidth: 80M)
Storage	FTP; SFTP; Micro SD card (support max.512 GB); NAS
Browser	IE: IE 8 and later; Chrome; Firefox
Management Software	DMSS
Mobile Client	iOS; Android

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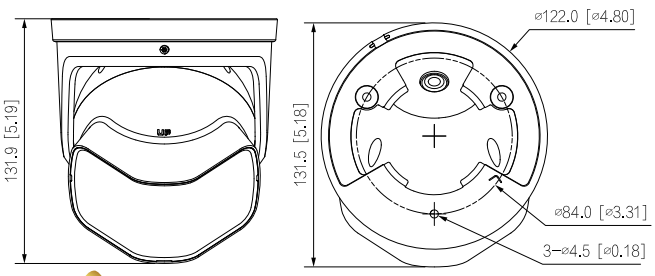
Certification	
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: 5mA 3 V-5 VDC
Alarm Output	1 channel out: 300mA 12 VDC
Power	
Power Supply	12 VDC (±30%)/PoE+ (802.3at)/ePoE
Power Consumption	Basic: 4.8 W (12 VDC); 5.5 W (PoE) Max. (WDR + intelligence + warm light + SPK): 10.5W (12 VDC); 11.8 W (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
Structure	
Casing	Metal
Product Dimensions	Φ122 mm × 131.9 mm (Φ4.80" × 5.19")
Net Weight	990 g (2.18 lb)
Gross Weight	1150 g (2.54 lb)
Dimensions (mm[inch])	



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