

SPRO IP

COLOURNIGHT



DHIPD50/28LG/30-M-I-D

5MP IP ColourNight Turret Camera with AI Technology



Key Features:

- 5 megapixel
- H.265
- 2.8mm Lens
- Up to 30m LED distance (smart LED)
- SMD (Smart motion detection)
- Intrusion (human & vehicle classification)
- Tripwire (human & vehicle classification)
- Microphone built-in (audio over CAT5e cable)
- 120dB WDR
- IP67 waterproof
- DC 12V/POE



SPECIFICATIONS

Model Number	DHIPD50/28LG/30-M-I-D
Image Sensor	1/2.7"5Megapixel progressive CMOS
Effective Pixels	2592(H) X 1944(V)
ROM	128 MB
RAM	512 MB
Scanning System	Progressive

(continued)

Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min. Illumination	0.003 Lux@F1.0
S/N Ratio	>56 dB
Illumination Distance	30 m
Illuminator On/Off Control	Auto/Manual
Illuminator Number	1 (Warm light)
Pan/Tilt/Rotation Range	Horizontal: 0°–360°; vertical: 0°–78°; rotation: 0°–360°

Lens

Lens Type	Fixed focal
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F1.0
Field of View	Horizontal:103°; vertical: 53°; diagonal: 122°
Iris Type	Fixed
Close Focus Distance	1.2 m
DORI Distance	Detect: 67.4m Observe: 27 m Recognize: 13.5 m Identify: 6.7 m

Professional, Intelligent

Perimeter Protection	Tripwire; intrusion (Recognition of human and vehicle)
Intelligent 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
Smart Codec	Smart H.265+ / Smart H.264+
Video Frame Rate	Main stream (2592 × 1944@1–20 fps); (2688 × 1520@1–25/30 fps) Sub stream (704 × 576 @1-25 fps/704 × 480 @ 1-20fps) Third stream (1920 × 1080 @1-25/30 fps)
Stream Capability	3 streams
Resolution	5M (2592 × 1944); 4M (2688 × 1520 / 2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (354 × 288/354 × 240)
Bit Rate Control	CBR/VBR

Video Bit Rate	H.264: 32 Kbps–8192 Kbps
	H.265: 12 Kbps–8192 Kbps
Day/Night	Color/ B/ W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation	Yes
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas)
Region of Interest(Roi)	Yes (4 areas)
Smart LED	Yes
Image Rotation	0°/90°/180°/270° (Support with 1080p resolution and lower)
Mirror	Yes
Privacy Masking	4 areas
Audio	
Built-in MIC	Yes
Audio Compression	PCM; G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723
Alarm	
Alarm Event	motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; voltage detection; external alarm; SMD
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Protocol	IPv4;IPv6;HTTP;HTTPS;TCP;UDP;ARP;RTP;RTSP;RTCP;RTMP;SMTP;FTP;SFTP; DHCP;DNS;DDNS;QoS;UPnP;NTP;Multicast;ICMP;IGMP;NFS;PPPoE; 802.1x;SNMP
Interoperability	ONVIF(Profile S/Profile G);CGI;P2P;Milestone;Genetec
User/Host	20 (Total bandwidth: 80M)

Edge Storage	FTP; SFTP; Micro SD Card (support max. 256 G); Cloud; NAS
Browser	IE: IE8, IE9, IE11, Chrome, Firefox
Management Software	SPRO CSS
Mobile Phone	iPhone, iPad & Android
Certification	
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: 5mA 3V–5V DC
Alarm Output	1 channel out: 300mA 12V DC
General	
Power Supply	12V DC/PoE
Power Consumption	Basic power consumption: 2.5W (12V DC); 3.0W (PoE) Max. power consumption (WDR + H.265 + red and blue lights flashing alternately + warm light + sound alarm): 7.3W (12V DC); 8.0W (PoE)
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤95%
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Ingress Protection	IP67
Casing	Metal
Dimensions	Φ122.0 mm × 110.9 mm (Φ4.8" × 4.4")
Net Weight	754 g (1.7 lb)
Gross Weight	915 g (2.0 lb)

