

DHIPQ50/28RG-50M-M-I

5mp IP Turret Camera with AI Technology



STARLIGHT

ONVIF

Key Features:

- 5 megapixel
- H.265
- 2.8mm Lens
- Up to 50m IR distance
- SMD (Smart motion detection)
- Intrusion (human & vehicle classification)
- Tripwire (human & vehicle classification)
- Microphone built-in (audio over CAT5e cable)
- Starlight technology
- 120dB WDR
- Supports max. 256GB micro SD card
- IP67 waterproof
- DC 12V/POE



SPECIFICATIONS

Model Number	DHIPQ50/28RG-50M-M-I
Image Sensor	1/2.7"5Megapixel progressive CMOS
Effective Pixels	2592(H) X 1944(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min. Illumination	0.005 Lux@F1.6

(continued)

IR Distance	50 m
IR On/Off Control	Auto/Manual
IR LEDs Number	1
Pan/Tilt/Rotation Range	Horizontal: 0°–360°; vertical: 0°–90°; rotation: 0°–360°
Lens	
Lens Type	Fixed focal
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View	Horizontal:98°; vertical: 72°; diagonal: 130°
Iris Type	Fixed aperture
Close Focus Distance	0.9 m
DORI Distance	Detect: 56 m Observe: 22.4 m Recognize: 11.2 m Identify: 5.6 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	Yes
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@1–30 fps) Third stream(1280 × 720@1–25/30 fps)
Stream Capability	3 streams
Resolution	5M (2592 × 1944); 4M (2688 × 1520); 3M (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)
Bit Rate Control	CBR/VBR

Video Bit Rate	H.264: 3 Kbps–8192 Kbps
	H.265: 3 Kbps–8192 Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest(Rol)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1920 × 1080 resolution.)
Mirror	Yes
Privacy Masking	4 areas
Audio	
Built-in MIC	Yes
Audio Compression	G.711a; G.711Mu; G726; AAC
Network	
Network	RJ-45 (10/100 Base-T)
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
Scene Self-adaptation	Yes
User/Host	20 (Total bandwidth: 64M)
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: EN60950-1

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

General

Power Supply

12V DC/PoE

Power Consumption

<5.4W

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

192.7 mm × 70.5 mm × 66.4 mm

Net Weight

590 g

Gross Weight

780 g

