



DHIPPTZ40/5XLR-MS

4MP Indoor Mini IP PTZ Camera with
Active Deterrence LITE

COLOUR NIGHT 2.0
SMART DUAL ILLUMINATION

ACTIVE
DETERRENCE
LITE

SPEAKER
Built-in

AI
ARTIFICIAL
INTELLIGENCE

TWO-WAY AUDIO



4 MEGAPIXEL



2.7 MM-13.5 MM



30m LED



30m IR



MICROPHONE



SPEAKER

AUDIO
OVER CAT5e CABLE

ONVIF

Key Features:

- H.265
- 4 Megapixel
- 2.7 mm-13.5 mm Motorised Lens
- Microphone built-in
- Speaker / Siren built-in
- Classification of Human & Vehicle
- Warm Light Range: Up to 30m
- IR range: Up to 30m
- Two-way-Audio
- Perimeter Protection
- SMD 3.0
- 120dB WDR
- Plastic Housing
- DC12V/POE



SPECIFICATIONS

Model Number	DHIPPTZ40/5XLR-MS
Image Sensor	1/2.8" CMOS
Effective Pixels	2560 (H) × 1440 (V)
ROM	128 MB
RAM	128 MB
Scanning System	Progressive

(continued)

Electronic Shutter Speed	1 s–1/30,000 s
Min. Illumination	0.05 lux@F1.6 (Color, 30 IRE); 0.005 lux@F1.6 (B/W, 30 IRE); 0 lux (Illuminator on)
Illumination Distance	30 m (98.43 ft) (warm light); 30 m (98.43 ft) (IR)
Illuminator On/Off Control	Manual; auto; off
Illuminator Number	2 (IR light); 2 (warm light)
Pan/Tilt/Rotation Range	Horizontal: 0°–345°; vertical: 0°–78°; rotation: 0°–360°

Lens

Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.6–F3.0
Field of View	H: 96.73°–24.76°; V: 51.98°–13.91°; D: 110.58°–29.74°
Optical Zoom	5x
Focus Control	Auto; Semi-auto; Manual
Close Focus Distance	0.6 m (1.97 ft)
DORI Distance	Lens: 2.7mm - 13.5 mm Detect: 250 m Observe: 98.7 m Recognise: 50 m Identify: 25 m

PTZ

Pan/Tilt Range	Pan: 0° to 345°; Tilt: 0° to +90°
Manual Control Speed	Pan: 0.1°–74°/s; Tilt: 0.1°–36.4°/s
Preset Speed	Pan: 0.1°–62°/s; Tilt: 0.1°–36.3°/s
Preset	300
Power-off Memory	Yes
Idle Motion	Preset

Smart Event

IVS	Tripwire and intrusion
Human Detection	Yes
Vehicle Detection	Yes

Intelligence

Smart Tracking	Auto Tracking Lite (SMD) Only
SMD	SMD 3.0

Active Deterrence

Light Warning

Warm light warning

Flash duration: 5 s–30 s; Flash frequency: high, medium, low

Sound Warning

Offers 1 sound alarm and supports importing 10 custom sound alarms.

Sound: 0–100

Play times can be set from 1 to 10.

Video

Video Compression

Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG(Sub Stream 1)

Streaming Capability

2 streams

Resolution

4M (2560 × 1440); 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)

Video Frame Rate

Main stream: 4M/1080p/1.3M/720p@(1–25fps)

Sub stream 1: D1/VGA/CIF@(1–25 fps)

Bit Rate Control

CBR/VBR

Video Bit Rate

H264: 96 kbps–8,192 kbps

H265: 38 kbps–8,192 kbps

Day / Night

Auto (ICR); Colour/B/W

BLC

Yes

WDR

120 dB

HLC

Yes

White Balance

Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp

Gain Control

Auto; manual

Noise Reduction

2D NR; 3D NR

Motion Detection

Yes

Region of Interest (RoI)

Yes

Image Stabilisation	Electronic Image Stabilization (EIS)
Defog	Electronic
Digital Zoom	5.5x
Image Rotation	180°
S/N Ratio	≥55 dB
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726
Built-in Microphone	Yes
Built-in Speaker	Yes
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; SSL; FTP; ARP; RTCP; RTP; IP Filter; RTMP
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI; SDK; P2P
Streaming Method	Unicast / Multicast
User / Host	20 (total bandwidth: 64 M)
Storage	Micro SD card (Up to 256 GB); FTP
Browser	IE: IE 7 and later versions; Chrome; Firefox; Safari
Management Software	DMSS
Mobile Client	iOS; Android
Certifications	
Certifications	CE: EN55032/EN50130-4
Port	
Audio Input	1 channel (built-in microphone)
Audio Output	1 channel (built-in speaker)
Alarm Linkage	Capture; preset; recording; audio; sending email
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection

Power	
Power Supply	12 VDC, 1.5 A ± 10% PoE (802.3af)
Power Consumption	Basic: 5 W; Max: 12.95 W (illuminator + PTZ)
Power Adapter	Optional
Environment	
Operating Temperature	−30 °C to +55 °C (−22 °F to +131 °F)
Operating Humidity	≤95%
Structure	
Product Dimensions	155.5 mm × Φ129.6 mm (6.12" × Φ5.10")
Net Weight	0.65 kg (1.43 lb)
Gross Weight	0.715 kg (1.58 lb)
Dimensions (mm[inch])	

