

SPRO[®]IP

STARLIGHT

DHIPPTZ40/25XR-V2

4MP Alarm Tracking IP PTZ
With AI-PRO Technology



4 MEGAPIXEL



4.8 ~ 120 MM



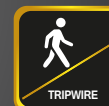
100m IR



300 PRESETS



IP67



Key Features:

- 4.8 mm–120 mm (25X optical zoom)
- Up to 100m IR distance
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- Up to 300 presets, 8 tours & 5 patterns
- 2 alarm in & 1 alarm out
- Human & vehicle classification
- IP67
- DC12V/3A+10% / POE+
- Wall bracket included



SPECIFICATIONS

Model Number	DHIPPTZ40/25XR-V2
Image Sensor	1/2.8" CMOS
Effective Pixels	2560 (H) × 1440(V)
ROM	256 MB
RAM	512 MB
Electronic Shutter Speed	1/1 s–1/30,000 s
Scanning System	Progressive
Min. Illumination	Colour: 0.005 lux@F1.6
	B/W: 0.0005 lux@F1.6
	0 lux

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Illumination Distance	100 m (328.08 ft) (IR)
Illuminator On/Off Control	Zoom Prio; Manual; Smart IR; Off
Illuminator Number	4 (IR)

Lens

Focal Length	4.8 mm–120 mm
Max Aperture	F1.6–F3.8
Field of View	H: 56.2°–2.6°; V: 32.5°–1.5°; D: 63.2°–3°
Optical Zoom	25x
Focus Control	Auto; Semi-Auto; Manual
Close Focus Distance	1.5 m (4.92 ft)
Iris Control	Auto;
DORI Distance	Detect: 2,400m; Observe: 948m; Recognize: 480m; Identify: 240m

PTZ

Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: –15° to +90°, auto flip 180°
Manual Control Speed	Pan: 0.1°/s–200°/s; Tilt: 0.1°/s–100°/s
Preset Speed	Pan: 200°/s; Tilt: 100°/s
Presets	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Power-off Memory	Yes
Idle Motion	Pattern; Preset; Scan; Tour
Protocol	DH-SD, Pelco-P/D (auto recognition)

Intelligence

IVS (Perimeter Protection)	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Face Detection	Yes

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SMD	Yes
Video	
Video Compression	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG (Sub Stream 1)
Streaming Capability	3 Streams
Resolution	4M (2560 × 1440); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 4M/1080p/1.3M/720p (25/30 fps) Sub stream 1: D1/CIF (1–25/30 fps) Sub stream 2: 720p (1–25/30 fps)
Bit Rate Control	CBR; VBR
Video Bit Rate	H.264: 32 Kbps–8192 Kbps; H.265: 32 Kbps–8192 Kbps
Day/Night	Auto (ICR); Colour; B/W
BLC	Yes
WDR	120dB
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
Defog	Electronic
Image Rotation	180°
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view
S/N Ratio	≥ 55 dB
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	HTTP; HTTPS; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; QoS; FTP; UPnP; ICMP; SNMP; SNMP v1/v2c/v3 (MIB-2); IGMP; ARP; RTCP; RTP; PPPoE; RTMP; TCP

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Interoperability	ONVIF Profile S&G&T; CGI
Streaming Method	Unicast / Multicast
User / Host	20 (total bandwidth: 64M)
Storage	FTP; Micro SD card (512 GB); NAS
Browser	IE 7 and later versions Chrome 42 and earlier versions Firefox 52 and earlier versions Safari
Management Software	SPRO CSS
Mobile Client	iOS; Android
Certification	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014
Port	
Alarm Linkage	Capture; preset; tour; pattern; recordings on SD card; alarm digital input; sending email
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
Alarm I/O	2/1
Power	
Power Supply	12 VDC, 3 A ($\pm 10\%$) PoE+ (802.3at)
Power Consumption	Basic: 12 W Max.: 21 W (illuminator + PTZ working)
Environment	
Operating Conditions	-40 °C to +65 °C (-40 °F to +149 °F)
Operating Humidity	$\leq 95\%$ RH
Protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection

Structure

Casing Aluminum alloy ADC12

Product Dimensions 295 mm × Φ160 mm (11.61" × Φ6.30")

Net Weight 2.8 kg (6.17 lb)

Gross Weight 4.3 kg (9.48 lb)

Dimensions (mm [inch])

