SPRO iP

DHIPPTZ40/25XR

4MP IP PTZ Camera With AI Technology
25x Optical Zoom, 100M IR (Smart IR)

AI ARTIFICIAL INTELLIGENCE

PERIMETER PROTECTION

SMD+ Smart Motion Detection Plus

STARLIGHT

ONVIF

4 MEGAPIXEL	4.8 ~ 120 MM	100m IR	300 PRESETS	IP66

Key Features:

- 4 MEGAPIXEL @ 25fps
- H.265+
- 4.8-120mm Lens (25x zoom)
- 120dB WDR & ultra 3D DNR
- 360° continuous pan rotation
- 200°/s pan speed
- 300 presets. 8 tours & 5 patterns
- Alarm : 2 in & 1 out
- Audio : 1 in & 1 out
- Up to 100m IR distance (smart IR)

- Starlight technology
- SMD Plus (smart motion detection plus)
- Tripwire (human & vehicle classification)
- Intrusion (human & vehicle classification)
- Perimeter protection
- 3D intelligent positioning
- PTZ control over CAT5e
- IP66 waterproof
- DC 12V 3A/POE plus (802.3at)
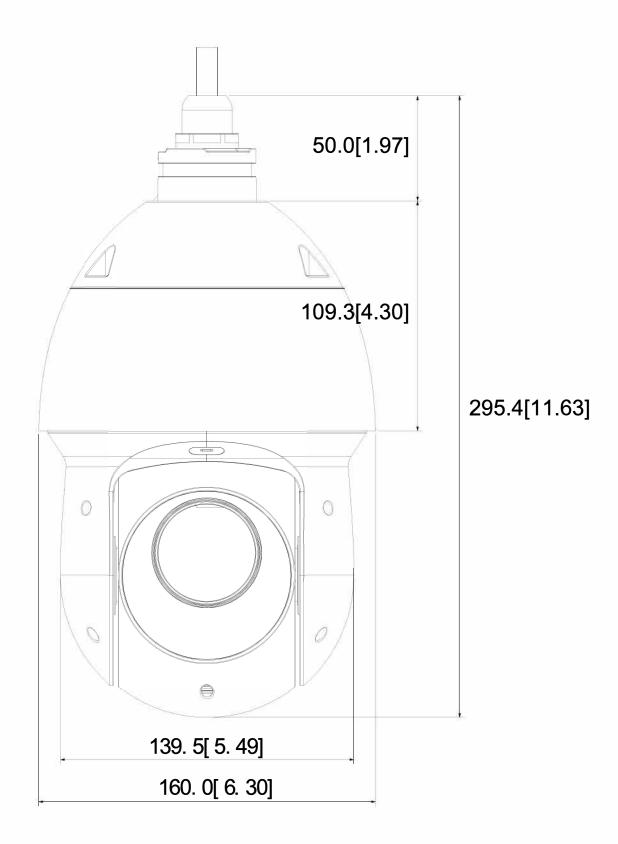- Wall bracket included

SPECIFICATIONS

Model Number	DHIPPTZ40/25XR
Image Sensor	1/2.8" STARVIS™ CMOS
Effective Pixels	2560(H) x 1440(V), 4 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux@F1.6 (IR light on)
S/N Ratio	More than 55dB
IR Distance	Distance up to 100m
IR On/Off Control	Zoom Prio/Manual/SmartIR

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IR LEDs	4

Lens

Focal Length	4.8mm~120mm
Max Aperture	F1.6~ F4.0
Angle of View	H: 60.0°–2.5°; V: 30.8°–2.2°; D: 66.7°–2.9°
Optical Zoom	25x
Focus Control	Auto/Semi-Auto/Manual
Close Focus Distance	100mm~ 1500mm

PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°,auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Tour	8 (up to 32 presets per tour)
Pattern/Scanning Number	5
Speed Adjustment	Support
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD
	Pelco-P/D (auto recognition)

General Intelligence

Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
General Intelligence	Object Abandoned/Missing

Artificial Intelligence

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.
SMD Plus	Support
Face Detection	Support
Video Metadata	Support human, motor vehicle and non-motor vehicle image capture.

Video

Compression	H.265+/H.265/H.264+/H.264/MJPEG (sub stream)
Streaming Capability	3 Streams

Resolution		4M (2560 x 1440); 3M (2048 x 1536); 1080P (1920 x 1080);
		1.3M (1280 x 960); 720P (1280 × 720); D1 (704 × 576/704 × 480);
		CIF (352 × 288/352 × 240)
Frame Rate	Main Stream	4MP/3MP/1080P/1.3MP/720P (1–25fps)
	Sub Stream1	D1/CIF (1–25fps)
	Sub Stream2	1080P/1.3M/720P (1–25fps)
Bit Rate Control		Variable Bit Rate/Constant Bit Rate
Bit Rate		H.265/H.264: 3 kbps–20480 kbps
Day/Night		Auto(ICR)/Color/B/W
BLC		Support
WDR		120 dB
HLC		Support
White Balance		Auto/Indoor/Outdoor/Track/Manual/Sodium lamp/Natural light/
		Street lamp
Gain Control		Auto / Manual
Noise Reduction		Ultra DNR (2D/3D)
Motion Detection		Support
Region of Interest		Support
Electronic Image Stabilization (EIS)		Support
Electronic Defog		Support
Digital Zoom		16x
Flip		180°
Privacy Masking		Up to 24 areas, and up to 8 areas in the same view

Audio

Compression	G.711a; G.711Mu; AAC; G.722.1; G.726; MPEG2-Layer2; G.729

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMPv1
	/v2c/v3(MIB-2); ARP; RTCP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPOE;
	DDNS; FTP; IP Filter; QoS; Bonjour; 802.1x
Interoperability	ONVIF Profile S&G; CGI
Streaming Method	Unicast / Multicast
Max. User Access	19 users

Edge Storage	NAS; Local PC; Micro SD card (256G)
Browser	IE7 and newer versions
	Chrome 45 and earlier versions
	Firefox 52 and earlier versions
	Safari (no version restrictions)
Smart Phone	IOS/Android
Port	
Audio In	1
Audio Out	1
Alarm Port	2/1
General	
Power Supply	DC 12V/3A, PoE+ (802.3at)
Power Consumption	13W,21W (IR on)
Working Environment	-40°C ~ 70°C / Less than 95% RH
Ingress Protection	IP66
Dimensions	Φ160 mm × 295 mm
Net Weight	3kg

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50.0[1.97]

109.3[4.30]

295.4[11.63]

139. 5[5. 49]

160. 0[6. 30]

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