

# SPRO<sup>IP</sup>

## COLOUR NIGHT

### DHIPPTZ40/25XLR-I-D

4MP IP PTZ Camera With AI Technology  
25x Optical Zoom, 150M IR (Smart IR)



4 MEGAPIXEL



4.8 ~ 120 MM



150m IR



300 PRESETS



IP66



ARTIFICIAL INTELLIGENCE



#### Key Features:

- 4 MEGAPIXEL @ 50fps
- H.265+
- 4.8-120mm Lens (25x zoom)
- 120dB WDR & 3D DNR
- 360° continuous pan rotation
- 300 presets. 8 tours & 5 patterns
- Alarm : 2 in & 1 out
- Audio : 1 in & 1 out
- Up to 150m IR distance (smart IR)
- Up to 50m white light distance
- 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 24V 2.5A/POE plus (802.3at)
- Wall bracket included

#### SPECIFICATIONS

Model Number	DHIPPTZ40/25XLR-I-D
Image Sensor	1/2.8" STARVIS™ CMOS
Effective Pixels	2560(H) x 1440(V), 4 Megapixels
Electronic Shutter Speed	1/1 ~ 1/30,000s
ROM	4 GB
RAM	1 GB
Min. Illumination	Color: 0.005Lux@F1.6; B/W: 0.0005Lux@F1.6; 0Lux (IR light on)
Illumination Distance	Distance up to 150m ( White light distance up to 50m)
Illuminator Number	2 (IR light) 2 (dual light fusion)

(continued)

## Lens

<b>Focal Length</b>	4.8mm~120mm
<b>Max Aperture</b>	F1.6~ F3.5
<b>Angle of View</b>	H: 55.8°~2.9°; V: 31.6°~1.6°; D: 63.7°~3.3°
<b>Optical Zoom</b>	25x
<b>Focus Control</b>	Auto/Semi-Auto/Manual
<b>Close Focus Distance</b>	0.8 m~5.0 m
<b>Iris Control</b>	Auto; manual
<b>DORI Distance</b>	Detect   Observe   Recognize   Identify 1,655 m   653 m   331 m   165 m

## PTZ

<b>Pan/Tilt Range</b>	Pan: 0° ~ 360° endless; Tilt: -20° ~ 90°, auto flip 180°
<b>Manual Control Speed</b>	Pan: 0.1° ~160° /s; Tilt: 0.1° ~60° /s
<b>Preset Speed</b>	Pan: 240° /s; Tilt: 150° /s
<b>Preset</b>	300
<b>Tour</b>	8 (up to 32 presets per tour)
<b>Pattern/Scanning Number</b>	5
<b>Power-off Memory</b>	Support
<b>Idle Motion</b>	Preset/Tour/Pattern/Scanning
<b>Protocol</b>	DH-SD   Pelco-P/D (auto recognition)

## Intelligence

<b>Video Metadata</b>	Support human body, human face, motor vehicle and non-motor vehicle image capture and attributes extraction.
<b>IVS (Perimeter Protection)</b>	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
<b>Face Detection</b>	Support
<b>SMD</b>	Support
<b>Alarm Tracking</b>	Support

## Active Deterrence

<b>Light Warning</b>	Red and blue warning light: Flash duration: 5 s~30 s Flash frequency: High, medium, low
<b>Sound Warning</b>	Sound warning alarm: Customizable

## Video

<b>Video Compression</b>	Smart H.265+; H.265; Smart H.264+; H.264B; H.264H; MJPEG	
<b>Streaming Capability</b>	3 streams	
<b>Resolution</b>	4M (2560 x 1440); 3M (2048 x 1536); 1080P (1920 x 1080); 1.3M (1280 x 960); 720P (1280 x 720); D1 (704 x 576); CIF (352 x 288)	
<b>Frame Rate</b>	Main Stream	4MP/3MP/1080P/1.3MP/720P (1–50fps)
	Sub Stream1	D1/CIF (1–25fps)
	Sub Stream2	1080P/1.3M/720P (1–25fps)
<b>Bit Rate Control</b>	Variable Bit Rate (VBR) / Constant Bit Rate (CBR)	
<b>Bit Rate</b>	<b>H265:</b> 1024 kbps–7936 kbps / <b>H264:</b> 2816 kbps–8192 kbps	
<b>Day/Night</b>	Auto(ICR)/Color/B/W	
<b>BLC</b>	Support	
<b>WDR</b>	120 dB	
<b>HLC</b>	Support	
<b>White Balance</b>	Auto; manual; tracking; indoor; outdoor; outdoor auto; sodium lamp; sodium lamp auto	
<b>Gain Control</b>	Auto / Manual	
<b>Noise Reduction</b>	2D NR; 3D NR	
<b>Motion Detection</b>	Support	
<b>Region of Interest</b>	Support	
<b>Electronic Image Stabilization (EIS)</b>	EIS	
<b>Electronic Defog</b>	Electric	
<b>Digital Zoom</b>	16x	
<b>Flip</b>	180°	
<b>Privacy Masking</b>	Up to 24 areas, and up to 8 areas in the same view	

## Audio

**Compression** G.711a; G.711Mu; G.726; G722.1; G.729; MPEG2-Layer2; G723; PCM

## Network

**Ethernet** RJ-45 (10/100Base-T)

**Protocol** HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS;  
IPv6; 802.1x; SSL; QoS; FTP; UPnP; ICMP; SNMP; SNMP v1/v2c/v3 (MIB-2);  
IGMP; ARP; RTCP; RTP; PPPoE; IP Filter; RTMP; Bonjour; TCP; SMB; NFS

**User/Host** 20 (total bandwidth: 64 M)

<b>Interoperability</b>	ONVIF (Profile S&G&T)
<b>Storage</b>	NAS; Local PC; Micro SD card (256G)
<b>Browser</b>	IE7 and newer versions Chrome 45 and earlier versions Firefox 52 and earlier versions Safari (no version restrictions)
<b>Smart Phone</b>	IOS/Android
<b>Port</b>	
<b>Audio Input</b>	1 (LINE IN; bare wire)
<b>Audio Output</b>	1 channel (LINE OUT, bare wire; built-in speaker (mutually exclusive))
<b>Alarm Input</b>	2-ch, digital input (0–5 VDC)
<b>Alarm Output</b>	1-ch
<b>Alarm Linkage</b>	Capture; preset; tour; pattern; recording; alarm digital input; send email
<b>Alarm Event</b>	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
<b>General</b>	
<b>Power Supply</b>	24 VDC, 2.5 A ( $\pm 25\%$ ) (included) / PoE+ (802.3at)
<b>Power Consumption</b>	Basic: 13 W / Max.: 23 W (Max: illuminator + red and blue warning light+speaker + PTZ working)
<b>Working Environment</b>	-40°C ~ 70°C / Less than 95% RH
<b>Ingress Protection</b>	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection
<b>Casing</b>	ADC12
<b>Dimensions</b>	325.3 mm × $\Phi$ 202.0 mm (H × D)
<b>Net Weight</b>	4.6 kg
<b>Gross Weight</b>	9.1 kg

