

Detec Full HD IR PTZ IP Camera, 25x

DTC-IRPTZ2MP25XWDHP

**25x Optical Zoom, Full HD, 120dB WDR, 100m IR, 360° Endless Pan,
Audio, Lightweight, Compact, IP66, 12VDC & Hi-PoE**



Specification

Camera

Image Sensor:	1/2.8" Progressive Scan CMOS
Effective Pixels:	1920(H)x1080(V)
Signal System:	PAL/NTSC
Minimum Illumination:	F1.6, AGC On: Color: 0.005 lux, B/W: 0.001 lux, 0 lux with IR
White Balance:	Auto /Manual/ ATW/ Indoor/ Outdoor/ Daylight lamp/ Sodium lamp
AGC:	Auto /Manual
BLC:	ON/OFF
HLC:	Support
WDR:	120dB
Shutter Time:	1-1/10,000s

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Day& Night:	ICR (IR Cut Filter – True Day/Night)
Digital Zoom:	16X
Privacy Masking:	24 privacy masks programmable
Auto Focus:	Auto / Semi-automatic / Manual

Lens

Focal Length - Optical Zoom:	4.8-120.0mm, 25x
Zoom Speed:	Approx. 3.6s (Optical Wide~Tele)
Field of View:	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)
Minimum Working Distance:	10~1,500mm (Wide~Tele)
Aperture Range:	F1.6~F3.5

Pan & Tilt

Pan Range:	360° endless
Pan Speed:	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s
Tilt Range:	-15°-90° (Auto Flip)
Tilt Speed:	Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples
Number of Presets:	300
Patrol:	8 patrols, up to 32 presets per patrol
Pattern:	4 pattern scans, record time over 10 minutes for each scan
Power loss recovery:	Support
Park Action:	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
3D Positioning:	Support
PTZ Position Display:	ON/OFF
Preset Freezing:	Support
Scheduled Task:	Preset / Pattern Scan / Patrol Scan / Auto Scan / Tilt Scan / Random Scan / Frame Scan / Panorama Scan / Dome Reboot / Dome Adjust / Aux Output

Infrared

IR irradiation distance:	100m
IR irradiation angle:	Adjustable by zoom

Compression Standard

Video Compression:	Main Stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
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	Third Stream: H.265/H.264/MJPEG
H.264 and H.265 Type:	Baseline Profile/Main Profile/High Profile
Video Bitrate:	32 Kbps to 16384 Kbps
Audio Compression:	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate:	G.711alaw/G.711ulaw: 64 Kbps G.722.1/G.726: 16 Kbps MP212/PCM: 32 Kbps/64 Kbps/128 Kbps
SVC:	Support

Smart Features

Basic Event:	Motion Detection, Video Tampering Detection, Exception
Smart Event:	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection
Smart Record:	ANR (Automatic Network Replenishment), Dual-VCA
ROI:	Main stream, sub-stream, and third stream respectively support four fixed areas

Image

Max. Resolution:	1920 × 1080 (Full HD)
Main Stream:	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720); 60fps (1280 × 960, 1280 × 720)
Sub-Stream:	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream:	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement:	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus

Network

Network Storage:	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Protocols:	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API:	Open-ended, support ONVIF, ISAPI, and CGI. SDK available.
Simultaneous Live View:	Up to 20 channels
User/Host:	Up to 32 users 3 levels: Administrator, Operator and User
Security Measures:	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client:	Supported in Detec Next Software and most open-standard software brands
Web Browser:	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51

Interface

Network Interface:	1 RJ45 10 M/100 M Ethernet, PoE+ (802.3 at, class4)
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General

Menu Language:	English
Power Supply:	12 VDC & Hi-PoE/PoE+ (802.3 at, class4)
Power Consumption:	Max. 18W (Max. 7W for IR)
Working Temperature/ Humidity:	-30°C ~ 65°C (-22°F ~ 149°F) ≤ 90%
Protection Level:	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions:	Φ164.5(mm) × 290(mm)
Weight (approx.):	2kg (4.41lbs)
Mount Options:	Wall mount; DTC-BRKPTZ-WMS, DTC-BRKPTZ-WM, Corner mount adapter; DTC-BRKPTZ-CMA, Pole Mount Adapter; DTC-BRKPTZ-PMA, Power junction box mount; DTC-BRKPTZ-JBM; Short ceiling pendant mount; DTC-BRKPTZ-SCPM, Long ceiling pendant mount; DTC-BRKPTZ-LCPM, Roof parapet mount; DTC-BRKPTZ-RPM, Gooseneck surface mount: DTC-BRKPTZ-GSM

Accessories



Wall mount;
DTC-BRKPTZ-WMS



Corner mount adapter;
DTC-BRKPTZ-CMA



Pole Mount Adapter;
DTC-BRKPTZ-PMA



Power junction box mount;
DTC-BRKPTZ-JBM



Short ceiling pendant mount;
DTC-BRKPTZ-SCPM



Long ceiling pendant mount;
DTC-BRKPTZ-LCPM



Roof parapet mount;
DTC-BRKPTZ-RPM



Gooseneck surface mount;
DTC-BRKPTZ-GSM

* Adapters are mountable on wall mount or junction box

** Junction box is compatible with wall mount in front and corner and pole mount adapters on back



30W Hi-PoE Midspan. (The camera can also use 12 VDC instead.)

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