Detec Minidome IR PTZ IP Camera, 25x Zoom

DTC-MDIRPTZ4MP25XHP

4MP, 25x Optical Zoom, 2560 × 1440 Resolution, 120 dB WDR, 50m IR, 360° Endless Pan, -5° to 90° Tilt, IP66, 12VDC & PoE

Description

DTC- MDIRPTZ4MP25XHP 4 MP 25 × Network IR PTZ Camera adopts 1/2.8" progressive scan CMOS chip. With the 25 × optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high- definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.

Key Features

- 1/2.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. illumination: Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON) 0 Lux with IR
- 25 × optical zoom, 16 × digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC
- Up to 50 m IR distance
- 12 VDC & PoE (802.3 at, class4)
- Support H.265+/H.265 video compression

Specification

Camera Module

Image Sensor:		1/2.8" Progressive Scan CMOS
Min. Illumination		Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON) 0 Lux with IR
White Balance		Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC:		Auto/Manual
Shutter Time:		1/1 to 1/30,000s
Day& Night:		IR Cut Filter
Digital Zoom:		16×
Privacy Masking:		24 programmable privacy masks
Focus Mode		Auto / Semi-automatic / Manual
WDR:		120 dB WDR

Lens

Focal Length:		4.8 to 120mm, 25x optical zoom
Zoom Speed:		Approx. 3.6s (optical lens, wide-tele)
FOV		Horizontal field of view: 55°to 2.4°(wide-tele) Vertical field of view: 33°to 1.4°(wide-tele) Diagonal field of view: 61.5°to 2.8°(wide-tele)
Working Distance:		100 mm to 1500 mm (wide-tele)
Aperture Range:		F1.6 to F3.5

IR

R Distance	50 m
Smart IR	Yes

PTZ

Movement Range (Pan)		360° endless
Pan Speed:		Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s
Movement Range (Tilt)		From -5° to 90°(auto-flip)
Tilt Speed:		Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Proportional Zoom:		Yes
Preset:		300
Patrol Scan:		8 patrols, up to 32 presets for each patrol
Pattern Scan:		4 pattern scans, record time over 10 minutes for each scan

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Power-off Memory	Yes
Park Action:	Preset / Pattern Scan / Patrol Scan / Auto Scan / Tilt Scan / Random Scan / Frame Scan / Panorama Scan
PTZ Position Display:	Yes
Preset Freezing:	Yes
Scheduled Task:	Preset / Pattern / Patrol / Auto Scan / Tilt Scan / Random Scan / Frame Scan / Panorama Scan / Dome Reboot / Dome Adjust / Aux Output

Compression Standard

Video Compression	Main Stream: H.265+/ H.265/ H.264+/ H.264 Sub-Stream: H.265/ H.264/ MJPEG Third Stream: H.265/ H.264/ MJPEG
H.264 Type	Baseline Profile/ Main Profile/ High Profile
H.264+	Yes
H.265 Type	Main Profile
H.265 +	Yes
Video Bitrate	32 Kbps to 16384 kbps
Audio Compression	G.711alaw/ G.711ulaw/ G.722/G.726/ MP2L2/ PCM
Audio Bitrate	64 Kbps (G.711)/ 16 Kbps (G.722.1)/ 16 Kbps (G.726)/ 32 Kbps to 160 Kbps (MP2L2)
SVC	Yes

Smart features

Basic Event Detection	Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output, Exception
Smart Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Smart Tracking	Manual Tracking, Auto Tracking, Event Tracking
ROI Encoding	Main stream, sub-stream, and third stream respectively support four fixed areas.
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA

Image

Max. Resolution	2560 x 1440
Main Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 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 (NFS, SMB/ CIFS), ANR
Alarm Linkage	|	Alarm actions, such as Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
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	|	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous	|	Up to 20 channels
User/ Host	|	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measure	|	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	|	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	|	IE 8 to 11, Chrome 31.0+, Firefox 30.0+

Interface

Audio Interface	|	1-ch audio input and 1-ch audio output
Alarm Interface	|	2-ch alarm input and 2-ch alarm input
Network Interface	|	1 RJ45 10 M/100 M Ethernet Interface; PoE (802.3 at, class4)

General

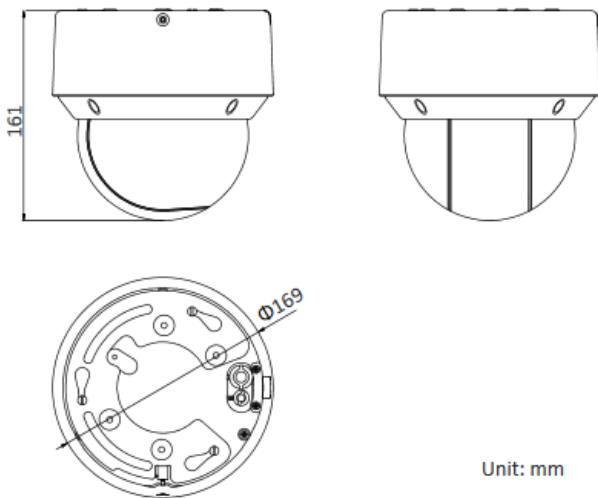|		
Language (Web Browser Access)	|	32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power	|	12 VDC, 3.33 A & PoE (802.3 at), 42.5 to 57 VDC, 0.6 A, class4 Max.:18 W, including max. 5W for IR
Working Tamperature	|	-30°C to 65°C (-22°F to 149°F)
Working Humidity	|	≤ 90%
Protection Level	|	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Installation	|	Variable installation methods optional, including ceiling mounting (default), in-ceiling mounting, pendant mounting and wall mounting
Material	|	ADC12, PC, PC+ABS, SUS304, POM
Dimentions	|	Φ 169 mm × 161 mm (Φ 6.65" × 6.34")
Weight	|	Approx. 2.45 kg (5.40 lb)

Dori

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

Dori	Detect	Observe	Recognize	Identicy
Definition	25 px/m	63 px/m	125 px/ m	250 px/m
Distance (Tele)	2400.0 m (7874.0 ft)	952.4 m (3124.7 ft)	480.0 m (1574.8 ft)	240.0 m (787.4 ft)

Dimensions

Unit: mm

Accessories

DTC-BRKPTZ-WM/S
Wall Mount Bracket

DTC-BRKMDIRPTZ-PMA
Vertical pole mount

DTC-BRAKMDIRPTZ-COR
Corner mount

DTC-BRK-RPM
Roof Parapet Mount

DTC-BRKTPZ-SCPM
Short Ceiling Pendant Mount

DTC-BRKPTZ-LCPM
Long Ceiling Pendant Mount

DTC-BRKMDIRPTZ-CM
In-ceiling Mount Bracket

LAS60-57CN-RJ45
Hi-PoE midspan