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Data sheet

2MP 25x Outdoor Network IR PTZ Camera

Key Features

- 1/2.8″ progressive scan CMOS
- 25x optical zoom
- True WDR, up to 128dB
- 3D DNR, HLC & BLC
- 2MP resolution(1920 × 1080)
- H.265+/H.265/H.264/MJPEG
- Intelligent video analytics
- Onboard storage
- Up to 300m IR distance with Smart IR
- 2-way audio & alarm in/out
- Face detection / capture
- Vehicle detecting and tracking
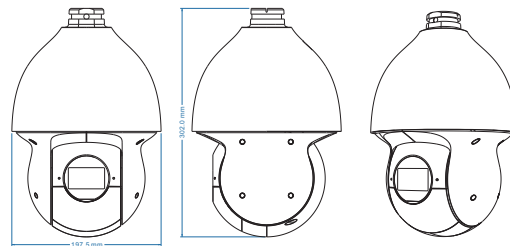- Smart tracking
- PoE+ and DC24V
- IP66

Specification

Camera	
Imager	1 / 2.8" Progressive Scan CMOS
Effective Pixels	1920x1080
Min. Illumination	Color：0.00125Lux @ (F1.6，AGC ON)；B/W：0.00025Lux @(F1.6，AGC ON); 0 Lux with IR
Shutter Speed	1/30 s – 1/30,000 s
S/N Ratio	≥50dB
Angle Adjustment	Any angle

Lens	
Focal Length	4.8 ~120 mm
Iris Type	DC-Iris
Field of View	Horizontal: 57.6° ~2.5°；Vertical: 34.4° ~ 1.4°
Focus Control	Auto / Manual
Lens Mount	–

PTZ	
Pan / Tilt Range	360°/-25° ~ 155°
Pan / Tilt Speed	0.1° ~390°/s,0.1° ~270°/s;（Preset speed≥300°/s）
Zoom	Yes
Preset	360 presets
Sequence	8 cruises，up to 16 presets for each cruise
Trace	4 trace, record time 3 miniutes for each trace
Power off Memory	Yes
Heater	Yes

Video	
Video Compression	H.265+/H.264+/H.265/H.264/MJPEG
H.264 Compression Standard	H.264/AVC codec BP/MP/HP, Level 5.1
H.265 Compression Standard	H.265/HEVC codec MP, level 5.0
Resolution	1920×1080 / 1280×960 / 1280×720 / D1 / CIF
Max.Frame Rate	30fps
Video Bit Rate	64 Kbps ~ 16 Mbps
Multiple Streaming	Triple streams
Main Stream	60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720(1~25fps)
Sub Stream	60Hz: 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 704×576 / 640×480 / 352×288(1~25fps)
Third Stream	60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps)
Bitrate Control	VBR / CBR
Quality Control	Five levels under VBR; Freely adjustable under CBR
Image Setting	Flip, Mirror, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR,etc.

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Audio	
Audio Communication	Bi-directional audio (2-way)
Audio Compression Format	G.711A/G.711U
Audio Bit Rate	64Kbps

Operational	
Day & Night	IR cut filter with auto switch
Backlight Compensation	Yes
Wide Dynamic Range	True WDR, 128dB
IR Distance	Up to 300M
Digital Noise Reduction	3D DNR
Digital Zoom	Yes
Defog	Active electric heating and air loop
Corridor Pattern	None
Flip / Mirror	Yes
Video Privacy	Yes
Alarm Triggers	Motion detection, Intelligent video analytics, Network disconnect，SD card full, SD card error
Edge Storage	Built-in micro SD card slot, up to 256GB
Backfilling	Yes

Smart Features	
Perimeter Protection	Line crossing,region Entering/Exiting/Intrusion
Face Detection	Face detection and face capture
Road Traffic	Vehicle detecting and tracking
Exception Detection	Scene change, Exception event
Smart Tracking	Yes

Network	
Network Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE
Cyber Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission
Remote Monitoring	Webviewer browsing, Holis Pro, Holis Lite, ExacqVision, victor
API	ONVIF, HAPI3, iAPI3

Interface	
Network	RJ45
Audio	MIC IN x 1, LINE OUT x 1
Video Output	None
Onboard Storage	Built-in micro SD/SDHC/SDXC slot
RS485	None
Alarm	Input x 1, Output x 1
Hardware Reset	Yes

Environmental	
Operating Temperature	– 40 °C ~ 70 °C
Operating Humidity	≤90%
Ingress Protection	IP67
Vandal Resistance	IK10

General	
Power Supply	DC24V / PoE+
Power Consumption	22W
Dimensions (mm)	Φ 197.5mm × 302mm
Material	Metals
Weight	Approx.2.9KG
Installation	Wall mounting, Pole mounting,Pendant mounting and Corner mounting(no accessories in the package)
Certification	ROHS, CE, FCC

Dimensions

Accessories

ISPTZPD01A	ISPTZWM01A	ISPTZPMWM02A	ISPTZCMWM02A
Pendant mount for 2MP 25x outdoor PTZ	Wall mount for 2MP 25x outdoor PTZ	Pole mount for 2MP 25x outdoor PTZ	Corner mount for 2MP 25x outdoor PTZ

Ordering Information

Model	Description
ISV-P02Z252S-NT	H.265 2MP PTZ N/W Camera, 1/2.8" CMOS, 25x Optical Zoom, 300M IR, Micro SD, DC24V / PoE, IP67, Smart AT

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