tyco | **Illustra**

Data sheet

2MP 15x Outdoor Network IR PTZ Camera

Key Features

- 1/2.8″ progressive scan CMOS
- 15x optical zoom
- True WDR, up to 120dB
- 3D DNR, HLC & BLC
- 2MP resolution(1920 × 1080)
- H.265/H.264/MJPEG
- Intelligent video analytics
- Onboard storage
- Up to 200m IR distance with Smart IR
- Face detection / capture
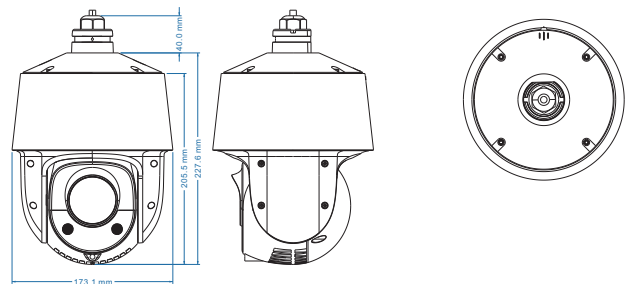- Smart tracking
- PoE+ and DC12V
- IP66

Specification

Camera	
Imager	1 / 2.8" Progressive Scan CMOS
Effective Pixels	1920x1080
Min. Illumination	Color：0.002Lux @ (F1.6，AGC ON)； B/W：0.0004Lux @(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	5 ~75 mm
Iris Type	DC-Iris
Field of View	Horizontal: 54° ~4°; Vertical: 32° ~ 2.3°
Focus Control	Auto / Manual
Lens Mount	–
PTZ	
Pan / Tilt Range	360°/-10° ~ 90°
Pan / Tilt Speed	0.1° ~80°/s,0.1° ~80°/s;（Preset speed≥80°/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	None
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	2560×1440 / 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.

Johnson Controls

Audio	
Audio Communication	None
Audio Compression Format	None
Audio Bit Rate	None

Operational	
Day & Night	IR cut filter with auto switch
Backlight Compensation	Yes
Wide Dynamic Range	True WDR, 120dB
IR Distance	Up to 200M
Digital Noise Reduction	3D DNR
Digital Zoom	Yes
Defog	None
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,P2P
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	None
Video Output	None
Onboard Storage	Built-in micro SD/SDHC/SDXC slot
RS485	None
Alarm	None
Hardware Reset	Yes

Environmental	
Operating Temperature	- 30 °C ~ 65 °C
Operating Humidity	≤90%
Ingress Protection	IP66
Vandal Resistance	-

General	
Power Supply	DC12V / PoE+ （no power adapter in the package)
Power Consumption	12W
Dimensions (mm)	173mm × 268mm
Material	Metals
Weight	Approx.2.1KG
Installation	Wall mounting, Pole mounting,Pendant mounting, Corner mounting and In-ceiling(no accessories in the package)
Certification	ROHS, CE, FCC

Dimensions

Accessories

ISPTZPD01A	ISPTZWM01A	ISPTZPMWM02A	ISPTZCMWM02A	ISPTZIC01
Pendant mount for 2MP 15x outdoor PTZ	Wall mount for 2MP 15x outdoor PTZ	Pole mount for 2MP 15x outdoor PTZ	Corner mount for 2MP 15x outdoor PTZ	In-ceiling for 2MP 15x indoor PTZ

Ordering Information

Model	Description
ISE-P02Z152S-N	H.265 2MP PTZ N/W Camera, 1/2.8" CMOS, 15x Optical Zoom, 200M IR, Micro SD, DC12V / PoE, IP66, Smart IVA

About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimising building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers, and manufacturing. With a global team of 105,000 experts in more than 150 countries and more than 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

For more information, visit www.tyco-apac.com

Johnson Controls