

Standard

4MP IR PTZ Camera



Features That Make a Difference:

- 1/2.8" Progressive Scan CMOS
- 2592x1520@30fps Resolution
- 30x optical zoom, 16x digital zoom
- True WDR
- 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- Micro SD/SDHC/SDXC card storage, up to 128GB
- 3D Intelligent Positioning function
- 24VAC & Hi-PoE
- Upto 200m IR distance

The Illustra Standard Network IR PTZ Camera or Speed Dome Camera Model ISS04P6ONWIT is a versatile camera by American Dynamics ideal for security-critical environments

The high performance IR helps ensure that objects are detected over long distances at night even in the most challenging low light conditions. The IR function of this camera covers an impressive distance upto 200m.

System Function

The Illustra Standard Network IR PTZ incorporates a 4MP high performance, progressive scan CMOS sensor for full HD quality images up to 2592x1520 resolution. The camera supports intelligent tracking, scheduled PTZ movement and 3D intelligent positioning function for auto tracking to the specified zone.

ONVIF Profile S & G Support

The IR PTZ Camera is designed to ensure greater interoperability and compatibility on ONVIF Platform.

Camera Function

The IR PTZ camera incorporates a Lens of Focal Length 4.3-129mm with 30X optical zoom and 16X digital zoom. The versatile camera supports several features critical for a PTZ camera. These include auto-iris and auto-focus capabilities. The auto white

balance feature is supported for different modes and situations such as Indoor, Outdoor, Daylight lamp, Sodium lamp. Backlight compensation support is very useful to avoid silhouettes and to get better images of the subject of interest.

Powerful PTZ Capabilities

A Pan Tilt & Zoom functionality can only be effective when supported by built-in functions to locate, track and zoom onto the security situation area with agility and speed. Security Professionals in a security critical environment also demand accuracy and detail. Its performance capabilities include:

- 360°Endless pan range and 210° tilt range
- 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- 300 presets programmable
- 8 patrols, up to 32 presets per patrol
- 4 pattern scans, with the recording time not less than 10 minutes per pattern
- Proportional zoom function
- Park action: auto call up of PTZ movement, after a defined time of inactivity
- 2-ch alarm input, 1-ch alarm output.



Specifications

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON) IR: 0 Lux
White Balance	Auto/ manual/ ATW (Auto Tracing White Balance)/ indoor/ outdoor/ fluorescent lamp/ sodium lamp
AGC	Auto/manual
DNR	Support
BLC	Support
WDR	Support
Shutter Speed	1/1 to 1/10,000s
Day & Night	Auto ICR
Digital Zoom	16×
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto/ Semi-automatic/ Manual
SN Ratio	≥52dB
Lens	
Focal Length	4.3 to 129mm, 30× Optical
Zoom Speed	Approx. 3s (optical lens, wide-tele)
Working Distance	10 - 1500mm (wide-tele)
Aperture Range	F1.6 to F5.0
PTZ	
Movement Range (Pan)	360° Continuous Rotate
Pan Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 240°/s
Movement Range (Tilt)	From -15° to 90° (auto Flip)
Tilt Speed	Configurable, from 0.1°/s to 120°/s Preset Speed: 200°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Presets	300
Patrol Scan	8 patrols, up to 32 presets per patrol
Pattern Scan	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off Memory	Supported
Park Action	Preset/ Pattern Scan/ Patrol Scan/ Auto Scan / Tilt Scan/ Random Scan/ Frame Scan/ Panorama Scan
PT Status	ON/ OFF
Scheduled Task	Preset/ Pattern Scan/ Patrol Scan/ Auto Scan / Tilt Scan/ Random Scan/ Frame Scan/ Panorama Scan/ Dome Reboot/ Dome Adjust
IR	
IR Distance	upto 200m
IR Angle	Adjustable according to the focal length

Network	
Network Interface	1 RJ45 10M/100M Ethernet Interface
Max. Resolution	2592×1520
Main Stream	50Hz: 25fps (2592×1520, 2048×1536, 1920×1080, 1280×960, 1280×720) ; 60Hz: 30fps(2592×1520, 2048×1536, 1920×1080, 1280×960, 1280×720), 60fps (1280×960, 1280×720)
Sub Stream	50Hz: 25fps (704 × 576), 25fps (640 × 480), 25fps (320 × 288) 60Hz: 30fps (704 × 480), 30fps (640 × 480), 30fps (320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480, 320 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 320 × 240)
Video Compression	H.264/ MJPEG
Audio compression	G.711alaw/ G.711ulaw/ G.722/ G.726/ MP2L2/ PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour, UDP and IGMP
Memory Card	Built-in memory card slot, supporting Micro SD/SDHC/SDXC, up to 128GB
Simultaneous Live View	Up to 20 users
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 and Password Protection
Alarm	
Alarm Input	2-ch alarm input (0-5vDC)
Alarm Output	1-ch alarm output, Alarm Linkage
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Car/NAS and Send Email, etc.
Audio	
Audio Input	1-ch audio input
Audio Output	1-ch audio output
System Integration	
Interface	Onvif Profile S & Profile G
Web Browser	IE7+, Chrome18+, Firefox5.0+, Safari5.02+
Image Settings	Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
General	
Power	AC 24Vand Hi-PoE, Max.: 40W (Heating: 6W Max., IR 12W Max.)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection, IK10 rated Housing (Except Glass Areas)
Installation	Variable installation methods optional
Dimensions(mm)	Ø220mm ×353.4mm (Ø8.66"×13.91")
Weight	Approx. 4.5kg (9.92lb)

Ordering Information

Part Number	Description
ISS04P6ONWIT	30x 4MP PTZ with upto 200m IR

Related Products



VideoEdge



victor



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Approvals



Driving network video through global standardization

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