![illustra From Tyco Security Products]

Standard
3MP IP PTZ Camera

Features That Make a Difference:

- 1/2.8" HD CMOS sensor
- 3MP(2048*1536) resolution
- High frame rate, up to 60fps@3MP
- 36X Optical Zoom
- 120dB True WDR
- Smart Tracking
- Enhanced image stabilisation
- Smart Detection
- Defog
- Hi-PoE / 24VAC power supply

[3MP] [WDR] [H.264] [PRIVACY ZONES] [SD] [IP67] [IK-10 RATED]

The Illustra Standard IP PTZ Camera Model ISS03P7ONWTY is especially designed for deployment in security-critical environments. Powerful PTZ capabilities in terms of speed, agility and ease of deployment are vital to locate, track and zoom quickly onto the security situation area. The PTZ camera must also deliver on accuracy and detail. This camera by American Dynamics can stream crisp and clear images at up to 2048x1536 video resolutions at up to 60 frames per second through an endless 360° pan range, and -15°~ 90° tilt range. A 36x optical zoom capability allows for video surveillance at long distances. An in-built 16x digital zoom allows you to have a more detailed look of the object or individual.

Built-in Intelligence

The camera has a host of intelligent features which make security surveillance a breeze for security staff. Apart from convenience, smart features are vital for rapid decision-making and responses in security alert situations. The camera supports a complete suite of smart functions that range from smart tracking, smart detection and smart recording to smart image processing and smart codec.

In the smart tracking mode the camera supports manual, panorama, intrusion trigger, line crossing trigger, region entrance trigger and region exiting trigger. Security professionals will truly appreciate the camera's smart detection capabilities as it supports face detection, intrusion detection, line-crossing detection, audio exception detection in addition to region entrance and exiting.

Exceptional Image Quality

With up to 2048x1536 resolution @60fps the camera produces exceptional Image quality. It supports Support H.264/MJPEG video compression, & supports Basic/Main/High Profile H.264 encoding complexity.

This PTZ Camera has standard in-built support to 128GB Micro SD/SDHC/SDXC card storage, 10M/100M Ethernet Port, Audio I/O, and Alarm I/O.

The Camera supports Regional Cropping of the image to save on bandwidth with details of the Region of Interest being clearly visible. The camera supports 120 dB WDR, BLC HLC and EIS.

ONVIF Support

The Camera supports the ONVIF (profile S & profile G) protocol, three streams and 20 channels live view at the same time, providing flexibility of Video Stream Recording, live view at different resolutions and bitrate configuration options.

Authentication Support for Higher Security

Additionally, for greater security, the Camera supports three-level user authentication–management, user and password authorization, IP address filtering and anonymous access. Other vital security features include security certificates such as HTTPS, SSH, Support Creating Certificate and the Lock User IP feature for multiple login error. Basic authentication is supportable in IE (web browser) configuration.
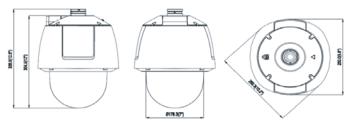
Specifications

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	F1.6, 30IRE, AGC On: Color: 0.05 lux, B/W : 0.01 lux
Max. Image Resolution	2048×1536
Focal Length	4.5-162mm, 36x
Digital Zoom	16X
Zoom Speed	Approx.3.3s(Optical Wide-Tele)
Angle of View	60.6-3.68 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6~F4.4
Focus Mode	Auto / Semi-automatic / Manual
WDR	120dB
S / N Ratio	≥ 55dB
Shutter Time	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
AGC	Auto / Manual
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Day & Night	IR Cut Filter
Privacy Mask	24 privacy masks
Enhancement	3D DNR, Defog, HLC/BLC, EIS

Pan and Tilt

Range	Pan:360° endless; Tilt: -15°~90°(Auto Flip)
Speed	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s
Number of Presets	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	10 patterns, with the recording time not less than 10 minutes per pattern
Park Action	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan
Scheduled Task	Preset/ Patrol/ Pattern/ Auto scan/ Tilt scan/ Random scan/ Frame scan/ Panorama scan/ Dome reboot/ Dome adjust/ Aux output

Intelligent Features

Tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger/ Region entrance trigger/ Region exiting trigger Smart tracking when patrol between multiple scenarios
Detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
ROI encoding	Support 6 areas with adjustable levels

Alarm

Alarm I/O	7/2
Alarm Trigger	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, Audio exception detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Patrol, Pattern, Micro SD/SDHC card recording, Relay output, Notification on Client, Send Email, Upload to FTP, Trigger Channel

Input/Output

Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
Audio Input	1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	1 Audio output interface, line level, impedance: 600Ω

Network

Ethernet	10Base-T / 100Base-TX, RJ45 connector
Main Stream	50Hz: 25fps (2048×1536), 25fps (1920×1080)/ 50fps (2048×1536), 50fps (1920×1080) 60Hz: 30fps (2048×1536), 30fps (1920×1080)/ 60fps (2048×1536), 60fps (1920×1080)
Sub Stream	50Hz: 25fps (704×576, 352×288, 176×144); 60Hz: 30fps (704×480, 352×240, 176×120)
Third Stream	50Hz: 25fps (2048×1536, 1920×1080, 1280×960, 1280×720, 704×576, 352×288, 176×144) 60Hz: 30fps (2048×1536, 1920×1080, 1280×960, 1280×720, 704×480, 352×240, 176×120)
Image Compression	H.264/MJPEG, H.264 encoding with Baseline/Main/High profile
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20 users
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Security	User authentication (ID and PW); Host authentication (MAC address); IP address filtering

General

Onvif Profile	Profile S & Profile G
Working Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Humidity	90%
Protection Level	IP67, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL
Dimensions	Ø178.3(mm)×326.0(mm) (Ø7.02"×12.8")
Weight (approx.)	8kg (approx.)

Dimensions

Ordering Information

Model Number	Description
ISS03P7ONWTY	3MP IP PTZ Camera

Related Products

VideoEdge

victor

exacqVision

Approvals

www.tycosecurityproducts.in