



ST-PTZL2000JP
2 MP PTZ Camera

Product description

2 MP PTZ ensures a high resolution and a 25 FPS speed. The camera provides effective manual target tracking thanks to its fast positioning and high accuracy within a 360° horizontal and 180° vertical range. Its image sensor delivers wide dynamic range images. The picture quality and the 36x optical zoom of the camera makes it possible to provide close-ups of the areas of interest and target objects. As the PTZ has a unique integrated IR Laser illuminator with an automatic cooperating focus system, it is able to provide quality images of monitored targets even in low lighting conditions. Specially developed PTZ control functions in the SensorTec Control Center, such as mouse controlled joystick emulation, the Point IT control function or PTZ position bookmarks make monitoring convenient and easy.

Features:

- 2 MP resolution
- 1" size sensor
- Wide Dynamic Range images
- 36x optical zoom
- IR Laser illuminator with automatic cooperating focus system
- 3D Privacy mask
- Multi-zone video motion detection analytics
- IP66 rated outdoor enclosure
- Fast and accurate positioning
- Specially developed control functions in SensorTec Control Center
- JPEG2000 wavelet-based, visually lossless compression
- Integrated cleaning system (Wiper + Washer)
- Water tank is separate unit

RESOLUTION SPECIFICATION

Face recognition (Automatic identification) distance	600 ppm	146 m
Face recognition (Identification by operator) distance	250 ppm	350 m
Human detection (Detection by operator) distance	25 ppm	3500 m

Features:

- Precise positioning with simple mouse click
- PTZ history
- PTZ zoom control by area selection
- Joystick emulation control with mouse
- PTZ positioning on map
- GPS based positioning
- Interactive PTZ control on the panoramic image
- PTZ Position bookmarks
- Automatic PTZ tour with predefined parameters
- Zone violation detection and immediate alarm
- Abandoned object detection and immediate alarm
- Detecting suspicious behaviors and immediate alarm
- Individually compressed frames
- Special picture enhancement algorithm for foggy, rainy weather conditions

TECHNICAL SPECIFICATION

Description	2MP IP PTZ DN dual-head camera
Day and Night	ICR function for Day/Night switching, automatically removable infrared-cut filter
Sensor	1" CMOS Sony
WDR	103 dB
Scanning system	Progressive, no interlaced scanning
Video compression	JPEG2000
Image size	1920 x 1080
Frame rate	Up to 25 FPS @ 2MP; all resolution
Lens	f = 6 mm - 210 mm; F = 1.5 - 4.3; Auto-focus, Auto-Iris
Zoom	36x Optical Zoom, 10x Digital zoom
Horizontal range	0-360°
Vertical range	-90° - +90°
Preset speed	400°/sec
Preset positions	100, selectable default preset
Guard tour	Unlimited, Schedule based
Angle of View	Horizontal: 63.17° - 2.01° - Vertical: 44.57°- 1.34°
Minimum illumination	Color: 0.75 lux (50 IRE AGC-OFF 1/10s 80%) 0.02 lux (50 IRE AGC-ON 1/2s 80%) B/W: 0.01 lux (50 IRE AGC-OFF 1/10s 80%) 0.001 lux 50IRE AGC-ON 1/2s 80%)
Image settings	Color, Brightness, White balance, Compression ratio, FPS, Exposure control, Real-time image enhancement, Text overlay
Privacy mask	3D Privacy mask
Analytics	Video motion detection, multi-zone
Event triggers	Live stream access, Archive stream accessed, Video motion detection, Network, Camera Settings, Temperature, Input trigger, Preset reached
IR Illuminator	Varifocal IR Laser illuminator, 808 nm, 500W pulsed

TECHNICAL SPECIFICATION

Sound	Built-in microphone, 1 ch external 24 kHz/16bit, sound in/output
Inputs/Outputs	4 programmable IO connections NO, NC / OC 0.5A/30V
Ethernet connection	1000 Mbit; RJ45
Network	TCP/IP
Network security	1500 bit public-key RSA; User authentication
Storage support	SensorTec Network Video Recorder 3rd generation
Approvals	EN 55022:2010/AC:2011, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011/A1:2015, EN 55013:2013, EN 55024:2010, IEC/EN 60529 IP66

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