



## **ST-PTZL1000MP**

2Megapixel, 32X PTZ Laser  
IR 1000 meter

# Features

- High resolution: 2MP
- Night range:1000m, Day range: 3000m
- Dynamic laser IR built-in illuminator
- Vandal Resistant , IP66 housing
- Auto wiper
- Rugged construction
- Direct Ethernet connection
- Embedded IP built-in web server
- 360°pan, 90° tilt, 180°auto flip
- 6 cruising tracks, 16 presets, total 128 preset
- ONVIF Protocol

## Technical Specifications

Image Sensor	1/2.8 2.1Mega Cmos
Total Pixels	1920X1080/25p HD Resolution
Digital zoom	32x Optical Zoom, f=8 mm (wide) ~ 250 mm (tele), F1.8 , 12x digital
Synchronization	Internal
Video Out	1.0Vp-p (75 OM, composite)
White Balance	Auto, ATW, Indoor, Outdoor Auto, Sodium Vapor Lamp (fix/ auto), One-push, Manual
Scanning System	Progressive
Scanning frequency	Horizon: 15.625k HZ , Vertic: 50 HZ
Privacy Zone Masking	Spherical
S/N Ratio	1/2 to 1/10,000 s, 21 steps
Min. Illumination	0.5lux (0 Lux with illuminator)
Wide Dynamic Range	120dB
BLC	Auto/Manual
Camera operation/zoom switch	Yes (Zoom Tele, Zoom Wide)
Special Function	ONVIF, PSIA operational
Gain	Auto/Manu/Max. Gain Limit (-3 to 28 dB, 2 dB steps)
Pan preset speed	120°/S
Tilt preset speed	80°/S
Pan speed	80°/S
Tilt speed	60°/S
Pan range	360° continously endless
Tilt range	90°, 180° auto flip
Preset &. Track	128 presets, 6 tracks, 40 seconds pattern memory
Communication	RS485, Cat5 cable, Multi-protocol supported
Privacy Masking	YES
Anti-shaking image	YES
Working Environment	negative 35°C to 60°C ; humidity 95% without agglomeration
Weight &. Power	15Kg; 24VAC, 20VA

## Laser Illuminator

Wave length	810 nm
On/off	Photosensitive
angle of illumination	2°~50°,synchronous continuous adjustment
Night vision	1000M

## Video / Audio

Video Compression	H.264/MJPEG
Frame Rate	PAL:1-25fps NTSC:1-30fps
Resolution	1920x1080
Video Stream	Simultaneous Video Streaming Main 1920x1080@25 fps Sub 352x240, 704x240, 704x480 @25 fps
Image Settings	Brightness, contrast, saturation, hue, Exposure control, AES(1/2 to 1/4,000 sec.), AGC, AWB, BLC, Privacy mask, Motion Detection
Audio Input/Output	Mic input, speaker output (Optional)

## Network

Protocols	TCP/IP, HTTP, UDP, RTP/RTCP, RTSP, DHCP, PPPOE, UPNP, MTP, FTP, DDNS, DNS, Multicast
Security	Multi-level user access with password protection

## System Integration

IP Camera Hardware	High performance CPU, Flash 8M, DRAM 128M, OS Built-in Linux
View System	OS: Microsoft Windows 2000/2003/XP/Vista/Win7 ONVIF PSIA
requirement	Browser: Internet Explorer 6.0 or above
WEB Server	Support WEB browser, remote config/update, replay, record
Alarm port	One D/I and one D/O for external sensor and alarm
Alarm trigger	Video lost, motion detection, external input



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