



## **ST-PTZL400MP**

Full HD 30X PTZ  
Laser IR 400 meter

## Features

- High resolution: Full HD
- 30X optical zoom lens
- Night range:400m, Day range: 1500m
- 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 Device	1/2.8 type Exmor™ CMOS sensor
Effective Pixels	Approx. 3.27 million
Digital Zoom	12x (360x with optical zoom)
Sync System	Internal
Video Output	1.0VP-P(75 OM, composite)
Electronic Shutter	1/2 to 1/10,000 s, 21 steps
White Balance	Auto, ATW, Indoor, Outdoor Auto, Sodium Vapor Lamp (fix/ auto) ,One-push, Manual
Scanning System	Progressive
Scanning Frequency	Horizon: 15.625 HZ , Vertic: 50 HZ
Wide Dynamic Range	120dB
Privacy Zone	Masking Spherical
S/N Ratio	1/2 to 1/10,000 s, 21 steps
Min. Illumination	Less than 1.7 Lux (F1.6, 50 IRE) 0.5 LUX (0 LUX with illuminator)
BLC	Auto/Manual
Zoom Switch	Yes (Zoom Tele, Zoom Wide)
Special Function	ONVIF, PSIA operational
Gain	Auto/Manual/ Max. Gain Limit (-3 to 28 dB, 2 dB steps)
Character Generator	20 characters/line, max. 11 lines
Lens Value	30x Optical Zoom, f=4.3 mm (wide) ~ 129.0 mm (tele), F1.6 to F4.7
Focus System	Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom trigger AF
Picture Effects	E-flip, Black & White, Mirror image, Color enhancement
Exposure Control	AE Control: Auto, Manual, Priority (shutter priority and iris priority), Bright, EV Compensation, Slow AE
Audio Input / Output	Mic input, speaker output (optional)
Pan preset speed	120°/S
Tilt preset speed	80°/S
Pan speed	80°/S

Tilt speed	60°/S
Pan range	360° continuously 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 Mask	Yes
Anti-shaking image	Yes
<b>Laser Illuminator</b>	
Laser type	Optical output of semiconductor lasers
Laser wave	808nm±5nm
Laser Range	400 meter
On/Off	Photosensitive
Angle Of Illumination	1° ~ 40°, Synchronous continuous adjustment
Night Vision	400 M
<b>Video / Audio</b>	
Video Compression	H.264/MJPEG
Frame Rate	PAL: 1-25fps NTSC:1-30fps
Resolution	1920x1080
Video Streaming	Simultaneous video streaming Main 1920x1080@25fps Sub 352x240, 704x240, 704x480@25fps
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
<b>Network</b>	
Protocols	TCP/IP, HTTP, UDP, RTP/RTCP, RTSP, DHCP, PPPOE, UPNP,SMTP, 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 requirement	OS: Microsoft Windows 2000/2003/XP/Vista/Win7 ONVIF PSIA 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
<b>Environmental</b>	
Enclosure	Weather-Proof, Vandal Resistant, Anti-Corrosion, IP66 Auto Wiper for camera window
Working Temp.	-35°C to 65°C ; humidity 95%
Weight & Power	10Kg; 24VAC, 20VA or Vehicle 12VDC, 3.5VA

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



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