



License Plate Recognition IP Camera

Focus it Tight, Capture it Right



LPR Camera is an IP camera designed to capture car license plate numbers for processing within the TimeTec Smart LPR System. A credible LPR Camera must first be equipped with a fast shutter speed in order to lessen motion blur as the camera has to deal with a vehicle's velocity. Furthermore, in view of the fact that velocity varies from one vehicle to another, a camera with a fast shutter speed of at least 1/1000 sec is therefore a must. Additionally, it is also advisable that LPR cameras have features that reduce glare and reflected light in order to produce a clearer image i.e. eclipse function.

Another important feature for LPR Camera is night vision capability, which allows the camera to operate within areas of low light or in total darkness (0 LUX) as it operates within the infrared spectrum. Therefore, in order to obtain night vision capability, a LPR Camera must have diodes around the camera that emit infrared light and also a special chip placed inside the camera which captures this infrared radiation and subsequently, convert the radiation into a visible picture.

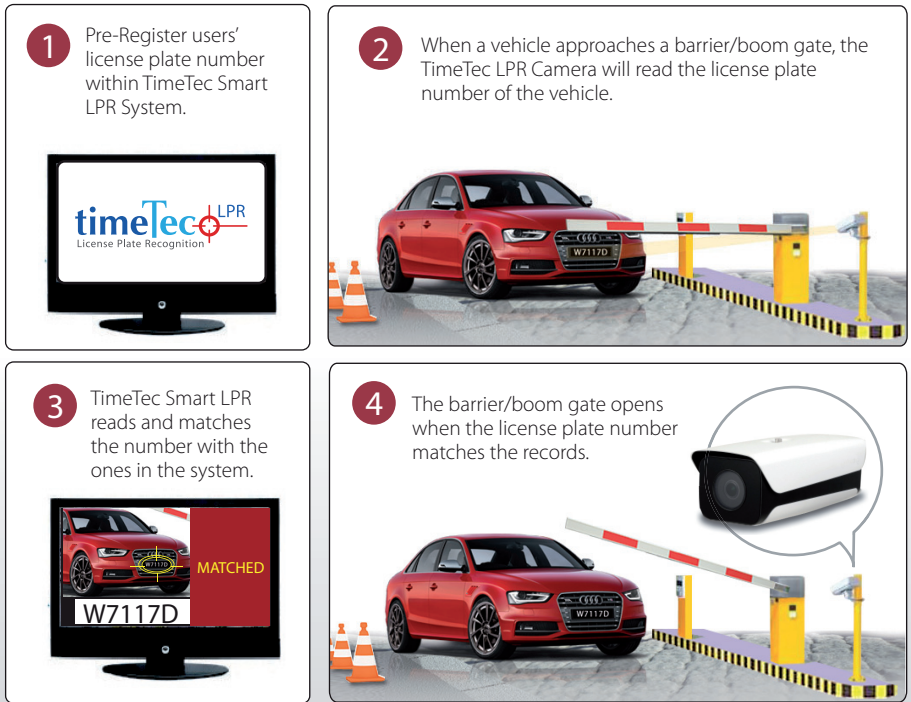
Get the right LPR Camera to ensure better license plate images for TimeTec Smart LPR System

TECHNICAL FEATURES

- 1/2.8 inch 2Megapixel Progressive scan CMOS
- WDR, Day/Night(ICR), 3DNR,BLC, HLC
- H.265& H.264 dual-stream encoding
- Micro SD memory
- Powerful 2.7-13.5mm motorized lens and IR light, ideal for monitor ANPR distance 3-8m
- IP67, and superior performance for outdoor applications
- Embedded with LPR algorithm inside the camera
- Vehicle data structuring: license plate recognition, vehicle size, vehicle color detection and etc.



THE FLOW OF TIMETEC LPR SYSTEM



SPECIFICATIONS

| | |
|------------------------|--|
| CAMERA TYPE | IP Camera |
| SYSTEM | Embedded RTOS design |
| CAMERA | |
| • Effective Pixels | 3.0 Mega Pixels, Main stream:2048*1536;1920*1080, Sub stream:704*576 |
| • Frames Rates | PAL:20fps(2048*1536), 25fps(1920*1080),NTSC:20fps(2048*1536), 30fps(1920*1080) |
| • Image Sensor | 1/3 Aptina CMOS Sensor,3.5 Megapixel resolution (2304H*1536V) |
| • DSP | Dual core 32-bit DSP, (A5S88) |
| • Min. Illumination | Color 0.01Lux/F1.2, B/W 0.001 Lux/F1.2 |
| • Adjust Parameters | DWDR,BLC,DNR,AE,AGC,D&N,Mirror,Flip,etc. |
| VIDEO | |
| • Compression | H.264 Main profile |
| • Stream | support dual stream,AVI format |
| • Bit Rate | support 0.1M ~8Mbps bit rate adjustable |
| • Frame Rates | support 1~30fps adjust |
| AUDIO | |
| • Input and output | 1ch input(microphone), 1ch output(Speaker&micphone) Optional |
| • Compression | G.711 compression,support two-way audio intercom,support audio & video synchronized output |
| ALARM | |
| • Types | Motion Detection, Video Blind , Video Loss |
| NETWORK | |
| • WEB Browser | Support WEB remote config(IE, Safari, Google Chrome, Firefox etc.) |
| • Smart Phone | mobile remote Monitoring (iPhone,Android,Windows Mobile,BlackBerry,Symbian) |
| • CMS Software | Uniform CMS Software(multiple devices management system) |
| • Cloud P2P | www.p2pic.net,MYEYE platform and other program,Offer SDK |
| • Network | 1 * RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP |
| • ONVIF | Support (ONVIF 2.0) |
| • POE | Support(optional) |
| • WIFI | N/A |
| GENERAL | |
| • Language | English, Finnish, French, German, Greek,Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, Chinese & Turkish |
| • IR Cut Filter | Set of double light switch IR-CUT filter |
| • Lens Mount | Varicoal Lens 9-22mm (3MP) |
| • Infrared Luminary | 4 pieces Array White light LED |
| • Infrared Wavelength | More than 30 M |
| • Waterproof Criterion | IP 66 |
| • I/O Connector | 1*DC Connector ,1* RJ45(10/100M Network) |
| • Supplied Voltage | DC12V/PoE(802.3af/820.3at) |
| • Power Consumption | IR On: 600mA max.,IR Off: Less than 200mA |
| • Working Enviroment | -10°C~+60°C, 10%~90% (Built in Heater being optional added for enviroment lower than -20°) |

Authorized Reseller:



timeTec

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