TimeTec Smart License Plate Recognition LPR or ANPR (Automatic Number Plate Recognition) is an ultramodern technology that incorporates Optical Character Recognition (OCR) technology and LPR camera to convert a scanned image into a readable alphanumeric text at greatest accuracy. The system is designed to be standalone and it is also made integratable with cloud-based TimeTec Visitor Management System (VMS), TimeTec Access, TimeTec Parking and i-Neighbour Smart Community System to ease entry and exit of vehicles into and from an enclave.

Pre-register authorized plate numbers into the system and when any of the registered cars approaching a security barrier installed with TimeTec solution, the barrier will open automatically and the system will record each audit trail of the access activity. TimeTec Smart LPR System is also formulated to capture visitors’ vehicle number plates as an additional visitor information for extra security measure for a neighbourhood or an office building.

TimeTec Smart LPR System automates vehicle access, improves security and provides utmost convenience without compromising your sanctuary.

- Embedded with deep learning technology that constantly improves the accuracy
- Reliability Rate at 98%
- Processing time of 100ms (Based 15 processor, 4GB RAM on Windows 7, 8 or 10)
- Offer 2-line Plate Recognition
- Reliability is assured for each character and plate
- Reading from memory, BMP or JPG formats
- Hardware independent (cameras, frame-grabbers, and etc.)
- Instant integration with IP cameras (5MP resolution, ONVIF compliant)
- Effective distance at 1.2m. Integrate with loop detector for better performance
- Extreme perspective correction
- Shorten vehicle access processing time
- Enhance effectiveness of existing security system
- Efficient and convenient post-event analysis
- Compatible with i-Neighbour, TimeTec VMS & TimeTec Access
# TIMETEC LPR PACKAGE

<table>
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<th>ITEM</th>
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| **2 x LPR Camera for entry and exit** | ITC215-PW4I-IRLF27135  
- 2 Megapixel Full HD AI Access LPR Camera  
- 1/2.8 inch 2Megapixel Progressive scan CMOS  
- WDR, Day/Night(ICR), 3DNR,BLC, HLC  
- H.265& H.264 dual-stream encoding  
- Powerful 2.7-13.5mm motorized lens and IR light, ideal for monitor LPR distance 3-8m  
- IP67, and superior performance for outdoor applications |
| **2 X LED Panel** | 32x16 Dot Matrix LED  
- Communication : RS 232  
- Display data : ASCII characters  
- Display dimension : 320 mm x 160 mm  
- Display resolution : 32 x 16 pixel  
- Font size : 70 mm x 50 mm  
- Display style : 1 line rolling or 2 lines static |
| **1x Computer** |  
- CPU : Core i5 Intel, minimum 3.0 GHz  
- RAM : 4GB or above  
- Network : Ethernet 1000Mbit  
- Graphic adapter : AGP or PCI-Express, minimum 1024 x 768, 16-bit colors  
- Hard disc : E-IDE, PATA, SATA, SCSI, SAS (7200 RPM or faster)  
- Hard disc space : Minimum 10 GB free hard disk space available, excluding space needed for recordings  
- OS : Microsoft® Windows® 10 Professional (64-bit)  
- Microsoft® Windows® 8.1 Enterprise (64-bit)  
- Microsoft® Windows® 8.1 Pro (64-bit)  
- USB port : Min 2 (one to connect to LPR gate relay board)  
- Serial ports : Min 2 (each connect to LED panel) |
| **1 x LPR Gate Relay Board** |  
- Power input : 12VDC 3A  
- Output : 2 x FORM C relay |
| **Software** | TimeTec iSense |

**NOTE:** Specifications are subject to change without prior notice.