



MIMOS Licence Plate Recognition Platform (Mi-LPR)

Securing high value assets and ensuring smooth operational environments are of highest importance to modern private and public organisations. MIMOS Mi-LPR offers licence plate recognition which is one of the necessary technologies in helping organisations protect their assets together with an in-house or outsourced security force.

Overview

MIMOS Mi-LPR is a scalable automated licence plate recognition platform that processes and analyses video from vehicle surveillance systems. The platform can be integrated with existing vehicle management systems to provide real-time alerts as well as forensics capability to retrace events. Audit trails can be generated from records on vehicles entries and exits. Mi-LPR also provides instant checks on vehicle registration numbers against watch lists. This enables authorities to intercept and stop vehicles, check them for evidence and, where necessary, make arrests.

Features

Mi-LPR comprises the following features:

High Accuracy Recognition

Generally, LPR products are measured by their ability to have a high accurate recognition rate and low misdetection. Mi-LPR has been rigorously designed and tested in various complex environments, night and day, to achieve maximum levels of accuracy rates.

Multiple Video Source Acquisition

Mi-LPR is able to acquire video frames from a variety of sources such as IP cameras, network video recorder (NVR) and video management software (VMS).

Standalone and Integration Modes

Mi-LPR can be used either as a standalone licence plate recognition system or to be integrated with third party video management systems.

Technology Benefits

The main impacts of Mi-LPR are:

Automated Vehicle Plate Recognition

All analysing and processing of licence plate recognition is done in real time. This ensures the highest possible level of security on protected assets thus reducing cost of theft, security breaches or operational disruptions.

Increased Operational Efficiency

Mi-LPR can increase the efficiency of daily operations through fast and accurate recognition results of the moving vehicles which may be missed by humans monitoring video streams. This allows security personnel to be optimally deployed for critical ground monitoring.

Flexible Installation and Configuration

Mi-LPR's software-based solution avoids hardware tie-down and can be deployed either with analogue or IP cameras to suit the investment budget of end users as well as fulfil the needs of system integrators.

Technology Summary

Mi-LPR

A highly accurate licence plate recognition engine that allows integration with existing video surveillance systems.

Industries: Enterprise, Government

Features

Mi-LPR addresses licence plate recognition through:

- High accuracy recognition
- Multiple video source acquisition
- Standalone and integration modes

Technology Benefits

- Automated vehicle plate recognition
- Increased operational efficiency
- Flexible installation and configuration



MIMOS Mi-LPR licence plate recognition

System Requirements

Mi-LPR	
Hardware Requirements	
Processor	Intel Xeon Processor Dual Quad-Core 2.13GHz or higher
Memory	4GB DDR3 SDRAM FB-DIMM or higher
Disk Storage	Minimum 500GB of hard disk space
Network adapter	Two or more Gigabit Server network adapters
Software Requirements	
Operating System	Microsoft Windows 7, Microsoft Windows Server 2003/2008
Database	Microsoft SQL Server Express 2005 or above
.Net Framework	.Net 4.0
Others	Intel Open Computer Vision Library

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