# KLIS ROAD-LPR
## Automatic Number Plate Reader

KLIS ROAD-LPR is an ANPR camera for licence plates reading, developed for urban and suburban environment for a maximum speed of 150 km/h. The camera is designed and built for different uses, in particular: "real time" access to restricted traffic zones (LTZ) identification, unauthorized lanes transit identification, traffic monitoring and transit analysis operations. It is equipped with a Megapixel sensor and the plate reading and coding algorithm is located directly on board.
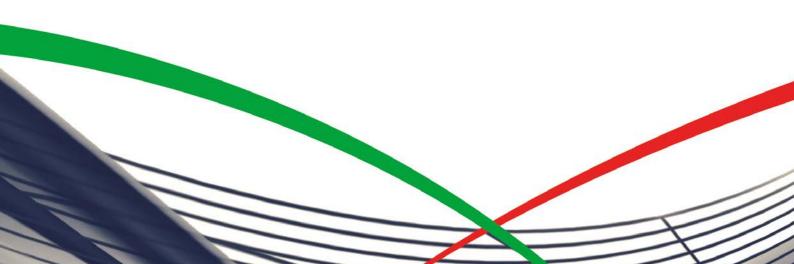
## FEATURES

- All in one plate reader and plate number detection
- White light illuminator embedded
- On board web server
- Data transmission towards two different IP address
- Integrated[1] with **Genetec**

- Number plates list management on board
- Free run vehicles detection up to 150 km/h
- Web server configuration and setup
- SD Memory Card up to 32GByte
- Ethernet, digital I/O, RS485 Serial port
- Waterproof IP66 housing with bracket included

[1] With Software KLIS CITY&CARS (Transit module included for up to 2 cameras)

# TECHNICAL  SPECIFICATION

| Licence Plate Recognition | |
|---|---|
| CPU | ANPR engine on board |
| Grabbing | Up to 30 fps |
| **Configuration** | |
| Web Server | Installation and configuration by Web Server on board |
| TCP/IP Server | Configuration and monitoring through TCP/IP protocol |
| Date and Hour | Synchronization via SNTP protocol |
| Software Update | Upgrading via Web Interface and SDK |
| **Data Transmission** | |
| FTP | FTPClienttoFTPServermodeforremotedatatransmission;twoIPaddress management |
| TCP/IP | Tattile TCP/IP open protocol; two IP address management |
| Serial Port | RS485 |
| **Operating Mode** | |
| Free Run | Continuous processing with automatic plate detection |
| Triggered | Image capture and processing triggered by Ethernet command or digital signal |

| System | |
|---|---|
| ANPR camera | 1280 x 960 Monochrome CCD sensor |
| Illuminator | 6 LEDs high power IR @ 850 nm |
| Lenses | C-Mount. Many focal length available |
| Operating System | Embedded TOS |
| Digital i/o | 1 Optoisolated input - 2 Relay Outputs |
| Connectors | Waterproof circular connector |
| Ethernet | Fast Ethernet 10/100 |
| Serial port | Insulated RS485 |
| Storage | Up to 32 GB (8 GB default) |
| **Environment, Size, Power** | |
| Operating & Storage Temperature | From -30° to +55° C |
| Operating & Storage Humidity | From 10% to 90% non condensing |
| Dimensions | 144 x 135 x 470 mm (WxHxL) |
| Weight | 3,8 kg |
| Protection | Waterproof IP66 |
| Power supply voltage | 24 Vdc |
| Power consumption | 7 W |

All specifications subject to change without notice