



NEW!



COMPLETE CYCLE OF DETECTING AND PROCESSING OF TRAFFIC VIOLATIONS BY ONE SINGLE DEVICE

RECOGNITION OF ALL VEHICLE LICENSE PLATES IN CAMERA VIEW

ACCURATE CORRESPONDENCE OF AUTOMATICALLY MEASURED SPEED AND RECOGNIZED LICENSE PLATE

EXTERNAL IR SPOTLIGHT FOR NIGHTTIME OPERATION

REAL-TIME TRANSFER OF VIOLATION DATA TO BACK-OFFICE

ONBOARD REAL-TIME ANPR (NEURAL NETWORKS TECHNOLOGY)

REMOTE CONTROL WITH COMMON ANDROID MOBILE DEVICE

WIRELESS PRINTOUT OF OFFENCE NOTICE AND/OR VIOLATION TICKET AT THE SITE OF THE VIOLATION

OVERVIEW

LIRA, the latest development of SIMICON Company, is unique automatic LIDAR system which is capable of not only measuring the speed of vehicles, but at the same time recognizing license plates and processing detected violations on-board.

LIRA represents a single-block device with a detachable handle. It is able to track oncoming and outgoing targets both in tripod-mounted or hand-held configurations.

Combination of laser speed sensor, high-sensitivity camera and on-board ANPR system ensures exact match of the measured speed and recognized license plate number even at multi-lane roads, regardless the target movement direction, making the violation evidence reliable and undisputable.

External IR spotlight provides reliable operation and license plates recognition by ANPR at low-light or night-time conditions.

Option of remote control with common Android mobile device makes the operation unprecedentedly comfortable and opens additional opportunities for user.

BASIC FUNCTIONS

- Simultaneous automatic speed measurement and real-time license plate recognition on multi-lane roads.
- Automatic detection of vehicle movement direction.
- High-sensitivity Full HD camera (color or black and white).
- Touch-screen with easy and user-friendly interface.
- Storing violation data in non-volatile memory.
- GPS coordinates determination.
- Stationary operation in tripod-mounted or hand-held configuration.



Tripod-mounted operation

ADDITIONAL FEATURES

- Wireless connection and remote control with common Android mobile.
- Real-time transfer of violation data to back-office through secured channel over cellular network.
- Wireless printout of offence notice and/or violation ticket at the site of the violation
- External IR spotlight for nighttime operation.



Interface (on Android device)

SPECIFICATIONS

PARAMETER	VALUE
Laser Wavelength	905 nanometers
Reflectorless Range	400 m
Speed Range	10-300 km/h
Speed Accuracy	± 2 km/h
Range of ANPR	150 m
Display	Built-in 4" color Touch-screen
Supply voltage (automobile charger)	11–16 V
Weight (measuring unit)	1.50 kg
Size	220x160x100 mm

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