



metricí
accurate recognition



**IN MOTION LPR
DETECTION CAR KIT**

Car Kit for LPR Detection

Metrici Car Kit for **in motion LPR detection** is to be used by law enforcement agencies for ALPR readings while on the move.

Law enforcement units and parking enforcement be it official or private .

With the Metrici mobile LPR kit, one can do **continuous search** for plate numbers around the vehicle: front, back, sides

Compare each detection with external database for **alerts**.



Plug and go

DETECT ALL VEHICLES in your way - along type of vehicle

STAY INFORMED as you drive - keeps you in the loop with real time detections and alerts

LOCAL/CENTRAL COMMAND -the system can make decisions by its own or at external command

EXTERNAL INTERROGATION-flexible system and high-powered processing

SCAN MORE

system up-to-date that works hard all day
Complex database reports and statistics -
beyond basic alerts and searches



Parking enforcement

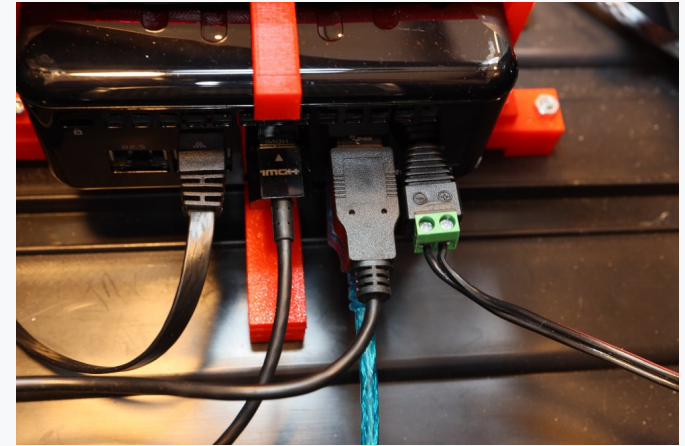
1. MONITORING PARKING PERMIT USAGE

Mobile LPR allows you on-street and off-street parking permit monitoring by interrogating the valid permits for each license plate.

The simple and fast workflow easy the work and eradicates administrative errors and simplify the management.

2. IDENTIFY OFFENDERS

One of the first use of LPR is to identify multiple offenders: persons who constantly eludes the payment or have more traffic citations. This usage may run in tandem with a booting or towing program that immobilizes flagged vehicles.



Parking enforcement

3. INTEROGATING HOT LIST OR CREATE ONE

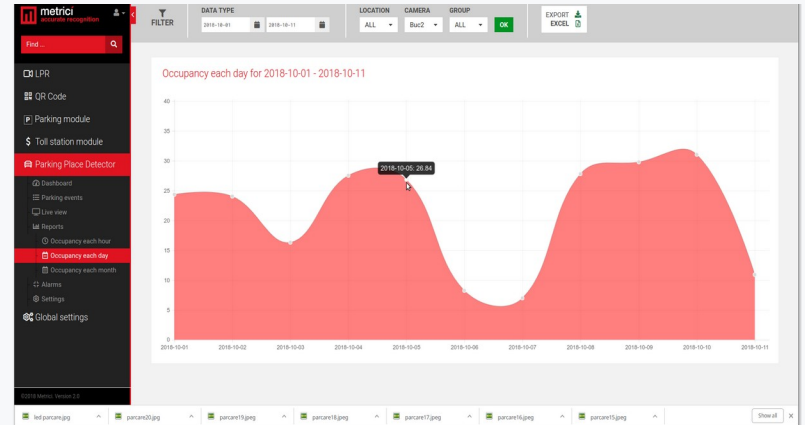
LPR systems can compare license plates to a database housing any vehicles of interest. Also can build a future hot-list with multiple offenders.



License Plate	Location	Time	Status	Offender Name	Offender ID
BUC0001	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0002	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0003	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0004	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0005	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0006	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0007	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0008	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0009	Bucharest / Gate 1	All the time	Not set	Never	N/A
BUC0010	Bucharest / Gate 1	All the time	Not set	Never	N/A

4. BUILD REPORTS AND STATISTICAL DATA

Builds complex reports about the flow in parking infrastructure, including occupancy by time, day, and length of stay. Data can help optimize management



LPR detection and action

1. Scan and Detect

LPR cameras mounted on a vehicle detect all license plates in their field of view

Inform and display detected plate numbers on a tablet/laptop inside the vehicle or/ and in a central command center.

2. Analyze and compare

Detected plate numbers reads with lists internally or externally.

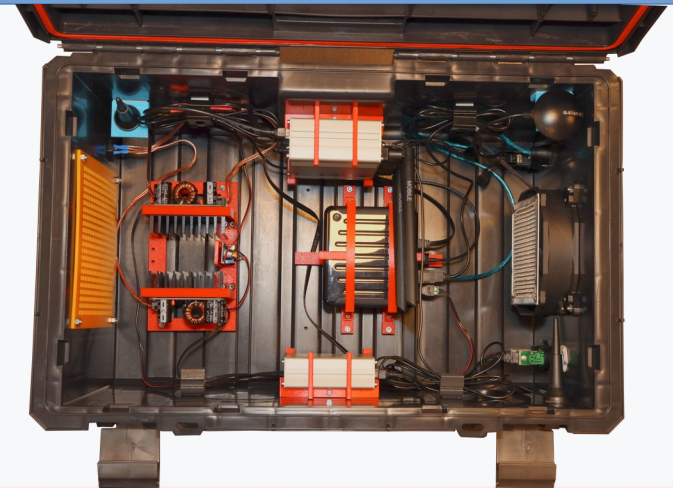
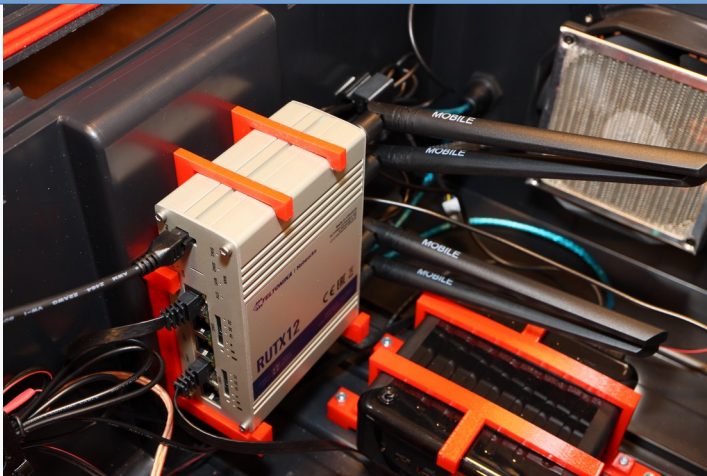
Compares license plate reads against approved vehicle lists: police, insurance, road vignette

3. Act/Proceed

Instant notifications to the passengers on a laptop/ tablet or to third-party base or priority-based sound and color alerts, prompting the patrollers to act in case of parking enforcement for example.

4. Report and Construct database

The system records and stores plate numbers, dates, times, GPS coordinates, citation types, and actions taken for future reports, data mining, and analysis.



The kit contains

IP Camera

- 1/1.8" Global Shutter CMOS
- Max. 30fps @ 3M (2048x1536)
- Quadruple stream (H.265, H.264, M-JPEG, JPEG)
 - IR LED Strobe-Out (TTL 3.3V) – Optional
 - ONVIF (Profile S) standard
 - IP 68 rated, Nitrogen filled-in
 - 855nm 4 Power IR LED
 - Compact size to install

Intel NUC with I5, 12th generation processor for up to 2 cameras for mobile LPR in the basic formula

2. A GPS unit with antenna

3. Three power sources:

Connectivity hubs: hdmi, power, network

Power source: 12V socket

Optional

Dashboard touchscreen monitor



The kit contains

4. Teltonika RUTX12 router wireless Gigabit Ethernet Banda dubla (2.4 GHz/ 5 GHz) 3G 4G.

5 x Gigabit Ethernet ports, Wave-2 802.11ac Dual-Band Wi-Fi, Bluetooth LE, and USB interfaces and dual SIM make this device irreplaceable in applications where losing connection is not an option.

Dual LTE CAT 6 industrial cellular router

Cellular speeds up to 600Mbps with dual simultaneous LTE CAT 6 connections

DUAL SIM for instant failover switching

WIFI & BT: Wave-2 802.11ac Dual Band WIFI and Bluetooth LE

GNSS: Global Navigation Satellite System for location services and time synchronization

LOAD BALANCING: Allows to use multiple WAN sources to increase throughput

Packed with advanced security features like VPN, IPsec, PPTP, L2TP, Stunnel and GNSS tracking.

5. Teltonika TSW100 Industrial unmanaged POE+ SWITCH

POE: 4 x PoE ports with 802.3af and 802.3at support

ETHERNET: 5 x Gigabit Ethernet with speeds up to 1000 Mbps. It has 10/100/1000 Mbps Ethernet ports for an economical high-bandwidth solution.

