



WE KEEP YOUR EYES ON THE ROAD

BUS LANE ENFORCER™

Mobile Video Enforcement System

RoadMetric's **Bus Lane Enforcer™** is an efficient and cost-effective system for prosecuting and deterring unauthorized use of designated bus lanes.

Whereas existing fixed-camera systems installed along the bus routes incur high infrastructure costs, our cost-efficient low-maintenance bus-mounted cameras automatically transmit video captures of violating vehicles to the back-office application, where their license plate numbers are checked against the pre-defined list of authorized vehicles.

This fully automated system provides real enforcement at any time or place, requires no intervention by the bus operator and serves as an effective deterrent against illegal obstruction when it is most needed – when buses are present in their designated lanes.

Our back-end violation processing provides the human participation required by law. RoadMetric also provides a fixed-camera solution for bus lane violations.



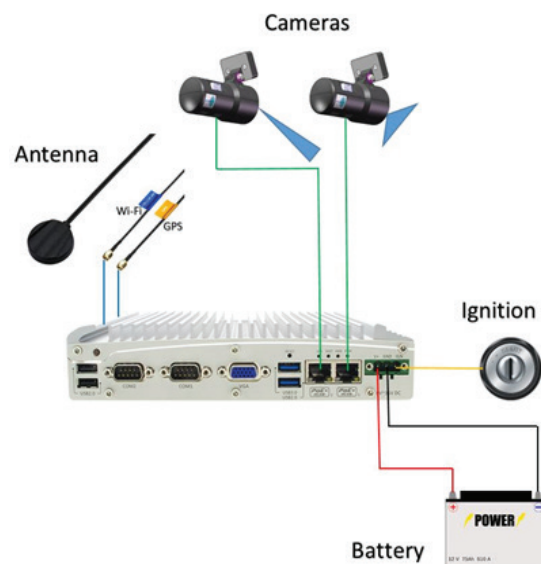
SYSTEM FEATURES

In-car system

- Automatic license plate capture
- Photo capture of violating vehicles
- Video capture including configurable pre- and post-event recording
- Automatic upload to server via Wi-Fi and/or 3G/4G

Back-office application

- Route management – definition of official bus lanes
- Simple authorization process by police officer or inspector ("man in the loop")
- Authorization tools (photo review, license plate magnifier)
- List management of violation events (approved, non-approved)
- Search tools (by bus number, location, time, license plate number)
- Event export to police authorities
- Data analysis dashboard



System Specifications

Processing unit	In-vehicle fan-less computer with Intel® quad-core processor
Dimensions	205 mm (W) x 146 mm (D) x 44 mm (H)
Weight	1.9 kg (including one 2.5" HDD and DDR3)
Mounting option	Patent-pending shock-absorbing or DIN-Rail mounting (optional)
Recording media	Industrial grade 256GB solid state drive
GPS	Integrated
Video Transfer	Wireless (802.11ac) and/or wired (Ethernet)

Technology

Camera	1920 x 1080P, 2-16 cameras in array (default 4), 30 fps
Recording triggers	ANPR
Pre/post recording	Predefine 3 seconds, unlimited

Operational

Temperature range	-25°C ~ 70°C
Operating system	Windows 8.1
Operating voltages	8~35V DC input
Humidity	10%-90%, non-condensing
Vibration	Operating, 5 Grms, 5-500 Hz
Shock	Operating, 50 Grms, half-sine 11 ms duration
EMC	CE/FCC Class A, according to EN 55022 & EN 55024