WE KEEP YOUR EYES ON THE ROAD

ENFORCEMENT DEPUTY™

Mobile Video Enforcement Platform

Enforcement Deputy™ is a state-of-the-start mobile video system that works for you while you're on patrol, a force multiplier that increases your efficiency while decreasing time spent in court and lowering costs.

Continuous up-to-near 360° recording enhanced by license plate recognition and connectivity to all relevant records conserves your attention for the important decisions. The system responds to various levels of input – automatically with no intervention required, manually at the touch of a button, and semi-automatically through standard police equipment such as LIDAR, radar and other external triggers such as the light bar and siren.

Our open-platform architecture supports multiple installation options, and is upgradeable from a single in-car camera to a complex system including more advanced ANPR and traffic enforcement features. It can integrate with any existing hardware or data system, including third-party billing and ticketing applications.

Optional streaming sends data back to headquarters in real-time, where our sophisticated back-office application conducts big-data analysis and pattern research on the aggregate data collected on patrol.

Enforcement Deputy™ is a consolidated evidentiary platform capable of providing end-to-end support for the entire life cycle of each violation – from data gathering and analysis to the generation of evidence files and tickets.

ROADMETRIC

IN-CAR SYSTEM

Enforcement Deputy can be installed both on the car (e.g., in the light bar) or inside the car (including covert), and is available in the following configurations:

Basic

- Continuous audio-visual recording
- Non-distracting audio and visual event alerts
- Manual event tagging
- Inter-car data sharing to derive dynamic average speed
- Video player supporting event management
- GPS address conversion for violation location
- 24-hour in-car data storage
- "Total recall": Generate events from existing footage

Advanced adds

- ANPR software with interface to hot lists
- Hardware integration for event tagging (e.g., LIDAR, siren)
- GPS map display and management (e.g., hit analysis)
- Integrated wireless body cam and mic
- Secure data upload via hard drive, wire or wireless

Premium adds

- Fully automatic event tagging
- Streaming data to central server
- In-car ticket printing
- Integration with existing video management systems (e.g., Cisco, Mindstorm, Divitel)

Back-office application (universal)

- Synchronized audio/video player with management tools
- Event search and filter (by time, author, number)
- Analysis/research tools (LPH, driver data)
- Generation and export of case evidence for court
- Event export to external billing system
- Event archiving policy (short/long term)
- Administration tools supporting different authorization levels
- Open architecture and interfaces (to databases, hot lists)

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)
Recording media	Industrial grade 256GB solid state drive
GPS	Integrated
External interfaces	LIDAR, body camera, VMS
Video Transfer	Wireless (802.11ac) and/or wired (Ethernet)
Technology	
Video compression	H.264 high profile (2-8 streams)
Camera	1920 x 1080P, 2-16 cameras in array (default 4), 30 fps
Recording triggers	Video analytics, push button, light bar, siren, RS-232, dry contact, 12VDC
Pre/post recording	Predefine 30 seconds, unlimited
Redundancy	Continues recording – event created between 2 bookmarks
Hours of recording	Up to 66 hours from 4 cameras at maximum resolution and frame rate
Video analysis	Speeding, tailgating, crossing a line, right/left passing
Audio	
Audio source inputs	3 (1 wired + 2 wireless)
Audio compression	MP3 128 KBPS (multi-channel), 20 Hz – 20,000 KHz +/- 79dB
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