



MOBILE ALPR CAMERA SYSTEM

The IZM800F Mobile ALPR - Automatic License Plate Recognition - Camera System was designed specifically for law enforcement agencies, parking authorities, toll operators and access control organizations looking to enhance patrol presence and and improve efficiency.

The IZM600 Mobile ultra-low light smart camera combined with the Mobile LPI (License Plate Inventory) management system, ALPR software, and portable laptop delivers crystal clear images, automatically recognized license plate data, GPS Coordinates, and streaming video.

The vehicle-mounted mobile IZM800F ALPR system can be easily installed on patrol cars, capturing license plate numbers throughout an entire shift. The system not only to captures images of license plates but also instantaneously compares them with millions of hot list records to identify vehicles of interest (NCIC, FBI, Polece, etc.). Hot lists may be updated manually or wirelessly. If a suspect license plate number is read, audible and visual alarms alert the officer within milliseconds of license plate capture.

The IZM800F ALPR solution creates an efficient, accurate and reliable platform, enabling law enforcement officers to recognize and evaluate suspicious vehicles and run faster forensics.

The IZM800F mobile ALPR system reads plates day or night, in all weather conditions, and from all 50 U.S. states, Canada, Mexico, & Latin America



Streaming Live Video: Delivers overview video and images of the vehicle and the license plate.



Real-Time ALPR Engine: Less than 1/4 of a second plate processing time.



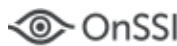
Mobile LPI Software Management System: Provides robust, long-term data storage for ALPR data and plate images.



Anti-Glare Technology: Provides legible plate images at dim lighting conditions.



Motorized Zoom and Auto Focus: Easy deployment, seamless calibration, and improved ergonomics.





Improve Quality of License Plates Reads with IZM800F Mobile ALPR Series Camera System

Camera General

Operating Distance
Vehicle Speed Range

Beam Angle

Internals

Sensor
Lens
Shutter
Video Streaming
Resolution
Video Compression

Environmental

Operating Temperature
Humidity
Rating
Storage Temperature

Electrical

Input Voltage
Power Consumption

IZM800F Series

3-30M
0 – 120 mph (0 – 190 km/h). Relative speed between Police & captured vehicle
40°x16°
15 °

Sony IMX265
12-40 mm; Motorized Zoom & Auto-focus
Global
RTSP Protocol
2mp - 1920 (H) × 1080 (V)
MJPEG, H.264, H.265

-22°F to 140°F (-30°C to 60°C)
0% to 90% RH Non-condensing
IP67
-22°F to 158°F (-30°C to 70°C)

12 VDC +/- 10%, Class 2 Low-Voltage;
15W

Operation

Wavelength
Recognition Software
Ethernet

Deep Red, IR
InSignia™ ALPR Engine
10/100 BaseT

Mechanical

Dimensions
(W x H x D)
Weight
Connections

7.5" x 4.5" x 9.4"
190 mm x 115 mm x 240 mm
Approx. 6 lbs (2.7 kg)
Power/LAN – Waterproof outdoor M25 12-pin connector

VDPU

Supports IZM800 Cameras
Mount
Housing Construction
Operating System
GPU Unit
Storage
Power Supply
Power Consumption
Dimensions
Ingress Protection
Operating Temperature

Vehicle Data Processing Unit

Up To 4 ALPR Cameras Connections
Mounted by mounting bracket
Aluminum Industrial Chassis
Linux, Ubuntu 18.04
NVIDIA Maxwell
MicroSD, 64 Gb
PoE 802.3af/at
12 Watts
6.18 x 3.43 x 8.03" (157 x 87 x 204 mm)
IP67
- 4°F - 140°F (-20°C – 60 °C)

Specifications subject to change without notice