



## MOBILE ALPR CAMERA FOR LAW ENFORCMENT



**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.



**Ultra-Low Light:** Provides legible plate images at dim lighting conditions.



**Vehicle & License Plate Recognition:** Plate Type & Plate State of Issue, Missing Plates. Vehicle Detection & Classification, Color, Make & Model.

The **IZM800F** ALPR camera is the primary sensor of Inex's mobile ALPR solution for public security, serving law enforcement agencies, parking authorities, toll operators, and access control organizations. This technology aims to enhance patrol presence and operational efficiency. Multiple IZM800F cameras can be seamlessly integrated with the Inex ALPR Engine Appliance within enforcement vehicles. Utilizing AI-based image processing, this system performs highly accurate real-time license plate recognition and data storage.

The IZM800F is equipped with built-in pulsed illumination, a global shutter sensor, and a motorized zoom lens, ensuring reliable performance in all weather and lighting conditions. It operates effectively at speeds of up to 120 mph (193 km/h) and distances of up to 65 feet (20 meters).



ENSURE SUPERIOR ACCURACY WITH THE AI-POWERED MOBILE ALPR CAMERA SYSTEM

### General

Models	<b>IZM800F</b>
ALPR Capture Distance	Short: 16-39 ft (5-12 m) Long: 33-65 ft (10-20 m)
Vehicle Speed	120 mph (193 km/h)

### Optics

Primary Sensor Shutter Type	Global
Primary Sensor Resolution	2 MP - 1920 (H) x 1080 (V)
Lens Adjustment	Motorized

### Illumination

LED Wavelengths	Deep Red (DR) Infrared (IR)
Number of built-in LEDs	18
LED Beam Angles	Short: 40°x16° Long: 15°x15°

### Computing

Compression Codecs	MJPEG, H.264, H.265
Video Streaming	RTSP

### Electrical

Power Input	12 VDC
Power Consumption	15 Watts
Network Connection	10/100 BaseT Ethernet

### Mechanical

Dimensions (W x H x D)	7.5" x 4.5" x 9.4" (190 mm x 115 mm x 240 mm)
Weight	6 lbs (2.7 kg)

### Environmental

Designed for outdoor use with proper installation. Ingress Protection	IP67
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Storage Temperature	-22°F to 158°F (-30°C to 70°C)
Certifications	FCC Part 15, subpart A; CE

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