The IZM600 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 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 IZM600 ALPR system can be easily installed on patrol cars, capturing license plate numbers throughout an entire shift. The system not only captures images of license plates but also instantaneously compares them with millions of hot list records to identify vehicles of interest. 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 IZM600 ALPR solution creates an efficient, accurate and reliable platform, enabling law enforcement officers to recognize and evaluate suspicious vehicles and run faster forensics.

The IZM600 mobile ALPR system reads plates day or night, in all weather conditions, and from all 50 U.S. states, Canada, and Mexico.
## Improve Quality of License Plates Reads with IZM600 Mobile ALPR Series Camera System

### Camera General
- **IZM600 Series**
  - Operating Distance:
    - 6 mm lenses: 2.5 M – 5 M
    - 12 mm lenses: 5 M to 10 M
  - Vehicle Speed Range: 0 – 90 mph (0 – 140 km/h)
  - Max Camera angle to plates: Vertical – 35°, Horizontal - 45°

### Internals
- **Sensor**: 1/2.7” Progressive Scan CMOS
- **Lens**: 2.8 mm, 4 mm, 6 mm, 8 mm, and 12 mm
- **Shutter**: Supports slow shutter
- **Day/Night**: IR cut filter with auto switch
- **Digital Noise Reduction**: 3D DNR

### Environmental
- **Operating Temperature**: -22°F to 149°F (-30°C to 65°C)
- **Humidity**: 0% to 95% Non-condensing
- **Rating**: IP67
- **MTBF**: 50,000 hours

### Electrical
- **Power Supply**: 12 VDC ±20%, PoE (802.3af, class 3)
- **Power Consumption**:
  - 12 VDC, 0.43 A, max. 4W
  - PoE (802.3af, 36V to 57V), 0.14 A to 0.09 A, max. 5.2 W

### Operation
- **IR**: 850 nm IR wavelength
- **Recognition Software**: InSignia™ ALPR Engine

### Mechanical
- **Dimensions**:
  - 3.10” × 3.21” × 2.52”
  - 78.8 × 81.6 × 64 mm
- **Weight**: Approx. 330 g (0.73 lb.)
- **Connections**:
  - 1 x Ethernet (RJ-45 Female), PoE
  - 1 x Power (DC+, DC-, Ground)

### VDPU
- **Supports IZM600 Cameras**
- **Mount**: Up To 4 ALPR Cameras Connections
  - Mounted by mounting bracket
  - Aluminum Industrial Chassis
- **Operating System**: Windows 10 IoT Enterprise (64 bit)
- **i7-Core Intel®**
- **Memory/Storage**: 8GB DDR RAM, 1TB
- **Communications**:
  - 4 x 10/100/1000 Gigabit Ethernet, PoE
  - 260x175x79 mm (10.24 x 6.89 x 3.11)"
  - 8.38 lbs (3.8 Kg)
- **Operating Temperature**: -40°F to 131°F (-40°C to 55°C)

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**Specifications subject to change without notice**

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