

# IZM600F Technical Datasheet

## Mobile ALPR Camera

Rev. A



## Key Features and Benefits

- ✓ Designed for Parking Enforcement/License Plate Inventory
- ✓ Fixed lens for consistent performance
- ✓ Powered by PoE - combines power and network cabling for ease of installation
- ✓ Wide temperature range - operating from 14°F to 122°F (-10°C to 50°C)
- ✓ IP67 ingress protection against extreme moisture
- ✓ NDAA Section 889 compliant



# Specifications

Item		Specification
LPR Capture Distance* (for U.S.A. plates)		6-12 ft (1.8-3.7 m)
LED Illumination	Wavelength	Infrared
	Beam Angle	60°x60°
Sensor	Shutter Type	CMOS Rolling Shutter
	Sensor	Sony IMX290
	Resolution	2 MP - 1920 (H) × 1080 (V)
	Lens	6 mm, Fixed
	Video Compression	MJPEG, H.264, H.265
	Video Streaming	RTSP Protocol
Environmental	Ingress Protection	IP67
	Operating Temperature	14°F to 122°F (-10°C to 50°C)
	Humidity	10% - 90% RH, non-condensing
Certifications	EMC	FCC Part 15, subpart B; CE
	Interoperability	ONVIF compliant, Profile S
	RoHS	RoHS
	Eye Safety	Exempt
	NDA	NDA Section 889 compliant
Physical	Dimensions (W x H x D); without PTZ bracket	PoE model: 3.1" x 2.1" x 2.8" (80 mm x 54 mm x 70 mm)
	Weight	1.1 lbs (0.5 kg)
Interface	Ethernet	10/100 BaseT (auto sensing)
	Cables	<ul style="list-style-type: none"> <li>• 1 x Ethernet (RJ-45 Female)</li> <li>• 1 x Power - unused - (DC barrel jack - Female)</li> </ul>

Item		Specification
Power	Input Voltage	<ul style="list-style-type: none"> <li>PoE (802.3af)</li> <li>12 VDC (not used in Inex applications)</li> </ul>
	Maximum Power Consumption	4.5 W
Accessories	Accessories Included	PTZ camera mount**
	Accessories Available	Different lengths of prefabricated cables
		Magnetic mount for camera

\* LPR Capture Distance is measured from camera to plate

\*\* Vehicle mount provided by installer

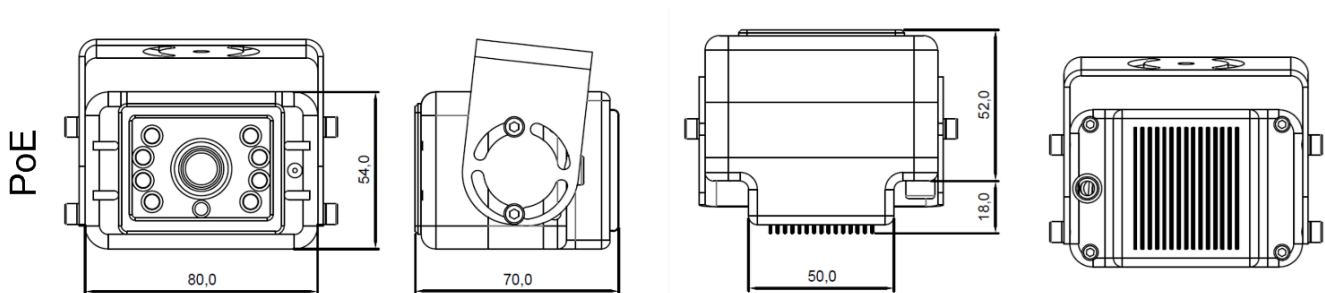
## Ordering Information

Part Number	Description
IZM600F-IR	Mobile ALPR Camera, Infrared LED illumination

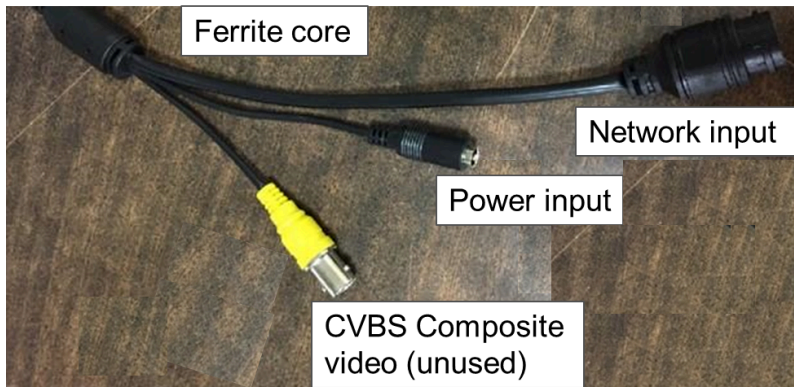
## Standard Package Contents

- IZM600F, Mobile ALPR Camera
- Waterproof endcap and O-type gasket for RJ-45 cable connector

## Dimensions (mm)



# Power/Signals Connectors



Connectors
Power input (for 12 VDC) – female barrel connector 5.5 mm outer diameter, 2.1 mm inner pin diameter; unused if power will be supplied via PoE
RJ-45 network input connection (female)
CVBS Composite video (not used by Inex systems)

Inex Technologies, LLC  
155 Willowbrook Blvd., Suite 130  
Wayne, NJ 07470, USA  
+1-865-671-1400  
[www.inextechnologies.com](http://www.inextechnologies.com)  
Sales@inextechnologies.com  
Support@inextechnologies.com

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