



SPEED-RADAR-EQUIPPED ALPR CAMERA



3D Radar Technology: Can locate the vehicle position, location, and speed.



Edge Processing ALPR Engine: Less than ¼ of a second plate processing time.



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



Anti-Glare Technology: Eliminates headlight glare, providing legible plate images with high contrast.



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

The **IZR600M** ALPR camera is speed-radar-equipped. Up to eight IZR600M, IZB600F, or IZ600F cameras can be connected to a single Inex ALPR Engine Appliance for AI-based image processing, creating a comprehensive ALPR system. The IZR600M provides high-accuracy ALPR capabilities, and in addition to reading license plates, it also measures vehicle speeds up to 120 mph (200 km/h) using an advanced 3D all-weather radar.

The IZR600M provides a cost-effective solution for recording speed violations and alerting property owners or drivers when these occur. It operates via Inex IZCloud cloud-based services for event storage and notifications, ensuring real-time management and seamless integration with existing systems.



ADVANCED 3D RADAR TECHNOLOGY FOR PRECISE AND ACCURATE SPEED MEASUREMENT

General

Models	IZR600M Series
ALPR Capture Distance	49-98 ft (15-30 m)
Vehicle Speed	3 mph (5 km/h) to 124 mph (200 km/h)
Field of View (FOV)	H44°~H13°/ D51°~D15°/ V25°~V7°

Optics

Primary Sensor Resolution	1920x1080
Lens Adjustment	Auto/Manual

Illumination

LED Wavelengths	Infrared
Number of built-in LEDs	6
Compatible External Illuminators	IZL****

Computing

Data Storage	Supports microSD/SDHC/ SDXC card local storage, up to 256 GB
Compression Codecs	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Streaming	RTSP, HTTP

Electrical

Power Input	12 VDC or PoE+
Power Consumption	15 Watts max (with IR on)
Network Connection	10M/100M Ethernet

Mechanical

Dimensions (L x W x H)	12.6 x 5.3 x 7.1 in (320 x 134 x 181 mm)
Weight	3.6 lb (1623 g)

Environmental

Designed for outdoor use with proper installation. Ingress Protection	IP67 (camera housing)
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Storage Temperature	-40°F to 140°F (-40°C to 60°C)
Certifications	FCC Part 15 subpart B; CE

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