MOTOROLA SOLUTIONS

Mobile license plate recognition
A visual guide

With new solutions entering the market for mobile license plate recognition, we wanted to provide some guidance to help you better understand how they work.

M500
AI-enabled in-car video system

Increase tactical awareness and keep officers safe by enabling license plate scanning with the front-facing camera of the M500 in-car video system.

License plate recognition (LPR) is one of the many artificial intelligence (AI) enabled features available on the M500 that are designed to keep officers safer.

By pairing AI-powered officer safety features with evidence- grade, ultra high-definition video recording, the M500 transforms observation into action.

Scan at 60 FPS simultaneously on up to four cameras to detect license plates in dense traffic.

Detect vehicle plates, make and model, day or night, with color and IR sensors and dedicated lenses.

With a global shutter, capture crystal clear license plate images on vehicles moving up to 150 MPH.

L5M
Mobile LPR camera system

Enhance situational awareness and improve patrol efficiency by capturing accurate license plate data at scale with the high-performance L5M camera system purpose-built for LPR. Additionally, capture vehicle make and model information to accelerate investigations and generate more actionable leads.

M500 & L5M
License plate recognition designed to meet your needs

Having choices like the M500 and L5M allows you to build a license plate recognition program that can be tailored to your needs.

Our portfolio provides the flexibility to expand your network as desired with extensive mobile, fixed, trailer, Android/iOS app and video-based LPR options that all utilize our widely deployed, tested and proven OCR algorithm.

And with seamless integration to VehicleManager, license plate recognition software, you can take advantage of having full control of data retention and sharing. Paired with patented search and analytics tools, you'll be able to generate more investigative insights and actionable leads from billions of detections to help close cases, faster.

To learn more, visit
motorolasolutions.com/lpr