

Security Systems

MOBILE SURVEILLANCE CAMERA| **PATROL-100**

Optima Patrol-100 is a vehicle mounted ANPR camera system designed for mobile patrol, parking enforcement and traffic monitoring applications. Optima Patrol-100 is a compact and powerful mobile system that delivers exceptional license plate recognition performance in all conditions. It is specially designed for law enforcement, parking management, tolling, and secure facility applications.



KEY FEATURES

- 8 MP Ultra HD camera with high performance ANPR engine
- Wi-Fi connectivity for wireless data transfer and remote access
- 12V DC power input, fully compatible with vehicle electrical systems
- Real-time license plate recognition with high accuracy rate
- Supports blacklists, whitelists and real-time alerts
- Built-in LED IR illumination for day & night use
- Compact, rugged and weatherproof design for outdoor use
- Easy installation on any type of vehicle (car, van, SUV, patrol car)

TECHNICAL SPECIFICATIONS

Camera Sensor	1/2.8" 8 Megapixel CMOS
Resolution	3840 × 2160 (8 MP)
Lens	Manual (5–50 mm)
ALPR Performance	Up to 98% accuracy
Illumination	Built-in LED IR (850 nm)
Min. Illumination	0.001 Lux @ F1.6
Shutter	1/25 s – 1/100,000 s
Video Compression	H.265 / H.264
Frame Rate	Up to 25 fps
Network	Wi-Fi (802.11 b/g/n)
Power Supply	12V DC (9–16 VDC)
Power Consumption	<15 W
Operating Temperature	-30 °C to +60 °C
Protection	IP66
Dimensions	10 (L) × 140 (H) × 120 (W) mm
Weight	Approx. 3.2 kg

TYPICAL APPLICATIONS

- Mobile Patrol & Law Enforcement
- Tolling & Traffic Management
- Parking Enforcement
- Event & VIP Convoy Management
- Access Control & Security

SYSTEM INTEGRATIONS

Optima Patrol-100 can be easily integrated with third-party software platforms via:

- HTTP/HTTPS API
- Wiegand / TCP-IP
- ONVIF Profile S
- Database Integration

OPTIONAL FEATURES

- GPS Module
- Local Storage (SD Card)
- 4G / LTE Module
- Advanced AI Analytics