

CAMERAS

ANPR Camera

High-accuracy license plate recognition camera for tolling, perimeter control, and traffic analytics.

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SOLUTION SNAPSHOT

RECOGNITION ACCURACY > 99.5%	CAPTURE SPEED Up to 250 km/h	RESOLUTION 4 MP (2688 × 1520)
IR RANGE 30 m built-in IR	LENS 6-22 mm motorised zoom	

Built for Real Operations

01

High-accuracy license plate recognition camera for tolling, perimeter control, and traffic analytics.

CAPABILITIES

Key Features & Product Modules

02

AI Recognition Processing Unit

Processes vehicle data and identifies number plates instantly at the edge.

High-Resolution Zoom Lens

Captures sharp vehicle images from long distances in heavy traffic conditions.

Infrared Night Vision Module

Advanced IR technology for clear plate detection during total nighttime darkness.

High-Speed Shutter Sensor

Captures fast-moving vehicles without image blur for maximum OCR accuracy.

Secure Cloud & Local Storage

Stores all vehicle records and snapshots securely with encrypted backup support.

APPLICATIONS

Where This Product Fits

03

Traffic Monitoring & Enforcement

Automatically captures vehicle plate numbers during traffic violations and signal usage, fed directly into traffic management centres.

Police & Law Enforcement

Detects stolen or blacklisted vehicles instantly and provides live alerts to command centers with full history logs.

Toll Plaza & Highway Management

Automates vehicle entry and exit logging to improve toll collection efficiency and reduce manual congestion.

Smart Parking Management

Tracks vehicle movement and supports automated access control by matching plates against allowlists.

Software, Benefits & Outcomes

ANPR Technology Instant vehicle identification and record keeping.	Blacklist Detection Real-time alerts for suspicious or stolen vehicles.
AI Vehicle Classification Identifies cars, buses, trucks, and motorcycles automatically.	High-Speed Capture Accurate plate recognition even at high vehicle speeds.
Night Vision Reliable monitoring in darkness and poor weather conditions.	

Technical Details

Recognition Accuracy	> 99.5%
Capture Speed	Up to 250 km/h
Resolution	4 MP (2688 × 1520)
IR Range	30 m built-in IR
Lens	6-22 mm motorised zoom
Ingress Protection	IP67 / IK10
Operating Temp	-40 °C to +60 °C
Interface	Gigabit Ethernet / RS-485
Power	PoE+ (IEEE 802.3at)
Warranty	3 years hardware

Case Studies & Client Feedback

"Accuracy exceeded 99.7% during our 90-day highway pilot — even in heavy rain and at night. Integration with our tolling back-end was seamless."

Tariq Al-Rashid

Head of ITS, National Highway Authority

RESOURCES

Media & Questions

Q. Can the ANPR Camera recognize vehicles at high speed?

A. Yes. High-speed shutter sensors allow accurate recognition even for fast-moving vehicles up to 250 km/h.

Q. Can it detect stolen vehicles automatically?

A. Yes. The system compares detected plates with watchlists and sends instant alerts to the command center upon matching.

Q. Does the system work at night?

A. Absolutely. The infrared night vision module ensures reliable performance in darkness and bad weather conditions.

Ready to deploy ANPR Camera?

Talk to Nirikhon for product consultation, installation planning, integration support, and enterprise deployment.

Hotline: 01712345678 | Website: www.nirikhon.com