GERMAN DESIGN AWARD WINNER 2020

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A'DESIGN AWARD WINNER 2017 SILVER

THE STEVIES
THE INTERNATIONAL BUSINESS AWARDS™
2016 Winner

Ekin MICRO PATROL

Cutting-edge mobile ANPR solution designed for motorcycles, bikes, and cars.

Ekin

Leader in Smart City Innovations

Ekin

The Micro Patrol was created and designed following the success of the Ekin Patrol G2. Unlike any other in its class, it's able to perform license plate recognition and parking management while in motion. A cost-effective mobile ANPR solution developed and designed for law enforcement.

The compact design detects parking violations and recognizes number plates in areas where fixed solutions are unable to reach. It is compatible with any bike, motorcycle, or car and assists officers as they move through congested areas, making it an indispensable tool for law enforcement officials.

Why Ekin Micro Patrol?

Versatile Application Range

The compact design can perform parking management and number plate recognition in areas where fixed solutions and motor vehicles cannot access.

International Award-Winning Plug & Play Design

The first and only compact smart patrol product in the world and adaptable for multiple uses. The plug-and-play design is adaptable from 12 V and above with wireless controlled system that easily operates without any need for any additional equipment, turning regular police vehicles into smart patrols.

Generates Instant Alarms

The detection system provides instant database comparison and is able to detect vehicles stated as "suspicious" or "stolen" on any law enforcement's blacklist. It provides an instant solution for parking violation enforcement all while generating an audio or visual alert, sent in real-time and compatible with smartphones.

Centrally Managed by Ekin Maestro OS

The Ekin Micro Patrol can communicate with all Ekin solutions using the wireless communication infrastructure. Performing continuous monitoring on a digital map from the control center and dispatching the Micro patrol to incident locations.

FUNCTIONS

Parking Management

- Ability to detect number plates in designated parking areas
- Stationary or on the move parking management
- Parking violation enforcement of unregistered and illegally parked vehicles

Number Plate Recognition

- Capable to correctly identify number plates in darkened areas, adverse weather, and in challenging traffic conditions
- Highly accurate number plate recognition while on the move or parked
- Instant database comparison of wanted or stolen vehicles

TECHNICAL FEATURES

DETECTION

Direction of View	Right and Left
Coverage	1+1 lanes

ILLUMINATION

IR Lighting	✓
Day and Night Number Plate Recognition	✓

SYSTEM SOFTWARE

Automatic Number Plate Recognition	24/7 for all vehicles in the field of view.
Web Service	✓
Protocol	TCP/IP, UDP, NTP, FTP, RAW
Various Database Support	✓
Alarm Management	✓
Remote Secure Installation and Access	✓
Violation Photo	✓
Watermark	Applied on all photos and videos.
Media Local Storage	✓

CENTRAL SOFTWARE

Various Database Support	✓
Customizable Reporting	✓
Integration	3rd party database and software or national inquiry services integration
Traffic Statistic	Detailed reporting
Graded Authorization	Admin, Supervisor, Users
Customizable Fine Printing	✓
SMS and Mail Support	✓
Automatic Update	✓
Log Record	✓

ELECTRICAL FEATURES

Connection Interfaces	Ethernet, LTE
Required Power Supply	12 VDC / 40 Watt
Power Consumption	<40 Watt/Hour

ENVIRONMENTAL FEATURES

Operating Temperature	-25°C to +55°C
Humidity Rate	95% non-condensing

PRODUCT DIMENSIONS

Dimensions (Width × Length × Height)	180 mm × 256 mm × 77 mm
Weight	2.8 kg

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Fixed Products	Mobile Products
Ekin Spotter	Ekin Patrol G2
Ekin Box Spotter	Ekin Micro Patrol
Ekin X Spotter	Ekin X Spotter Mobile

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