



GERMAN
DESIGN
AWARD
WINNER
2020



HONORABLE
MENTION



2019
HONOREE



A'DESIGN AWARD
WINNER 2017
SILVER



THE INTERNATIONAL
BUSINESS AWARDS™
2016 Winner



Ekin MICRO PATROL

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

Ekin
SMART CITY SOLUTIONS

Smart City Solutions





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 number 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 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

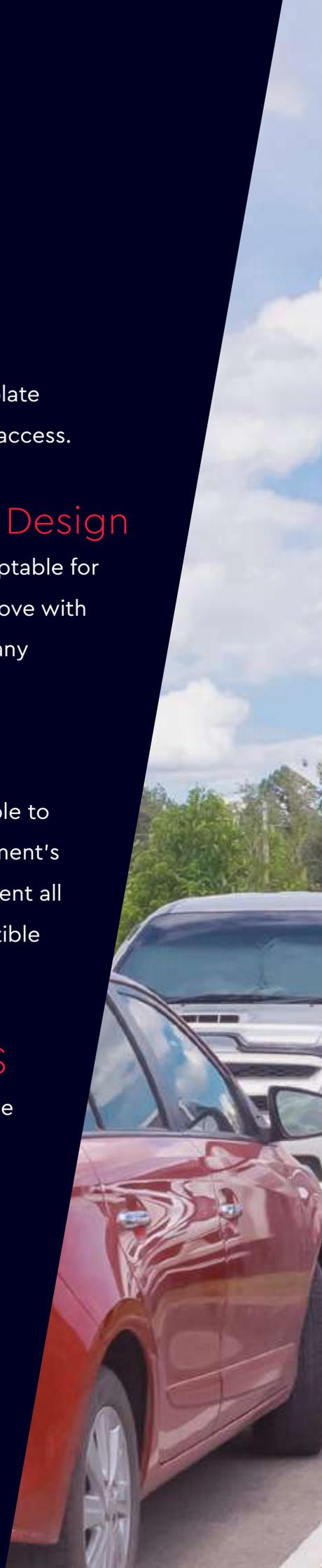
The first and only compact smart patrol product in the world and adaptable for multiple uses. The plug-and-play design is adaptable from 12V and above with wireless controlled system that easily operates without any need for any additional equipment, turning regular vehicles into smart patrols.

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 Red Eagle 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 the 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	3 rd 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

ENVIROMENTAL FEATURES

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

PRODUCT DIMENSION

Dimensions (Width × Length × Height)	180 mm × 256 mm × 77 mm
--------------------------------------	-------------------------



Smart City Solutions

Mobile Products

Ekin Patrol G2

Ekin Micro Patrol

Ekin X Spotter Mobile

Fixed Products

Ekin Spotter

Ekin Box Spotter

Ekin X Spotter



[Ekin.com](https://www.ekin.com)

LEGAL PROTECTION: Patent pending. All rights of this document and the content, products, visuals of products, texts, software and other materials contained in this document belong to Ekin and the same are protected under IP rights (patent, trademark, design and copyright) by Ekin as well. Product is designed in a manner that neither Ekin nor any unauthorized third party can access to the records and data obtained by this product. The responsibility for the usage of this product in accordance with the terms of the personal data protection laws and relevant legislation as well as storage, handling, usage, process of the records and data obtained by the Product, in accordance with the terms of the personal data protection laws and relevant legislation belong to the user of the Product. The user of the product is also responsible for notifying the owners or relevant parties of the personal data and, for obtaining required permission from them. You may distribute this document however referring to, reproducing and copying this document and any material thereon without the written permission of Ekin are prohibited.