



Completely  
New  
Generation

# Ekin MICRO SPOTTER

## Mobile Number Plate Recognition System

**Ekin**  
SAFE CITY TECHNOLOGIES

Leader in Safe City Technologies





Ekin Micro Spotter automatically detects the number plates of the vehicles in its field of view in mobile or stable position via high-resolution video-based number plate recognition technology and ensures continuous traffic safety.

# Why Ekin Micro Spotter?

## Provides versatile application range with its micro-sized compact design.

Having the smallest dimensions of its kind and enabling practical use in line with its design, Ekin Micro Spotter has ability to be used as mobile or stable positions, mounted to the pole, on tripod, vehicle's hood, vehicle's roof top or any desired points on the vehicle.

## Records high-resolution videos.

With its high-resolution cameras, Ekin Micro Spotter records all the number plates in wider areas without losing any focus and sharpness.

## Ensures 24/7 surveillance and traffic control.

Ekin's video based number plate recognition technology records not only the violation moment but the entire traffic flow distinctively from conventional photograph based systems.

## Supports international use.

Ekin Micro Spotter recognizes European, American and Middle Eastern number plates with the high accuracy and identifies the country information that number plates belong to.

## Centrally managed by Ekin Red Eagle OS.

Ekin Red Eagle OS operates all the traffic systems in the city including Ekin Micro Spotter from a single point and ensures the actions to be taken on time.



# FUNCTIONS

## Number Plate Recognition

- Recognition of every number plate in the field of view with its video-based number plate recognition technology
- Automatic number plate recognition simultaneously for incoming, outgoing or parked vehicles
- Identification of wanted or stolen vehicles over a specific database

## Parking Enforcement

- Detection of vehicles exceeding the parking time in the defined parking zone
- Automatic official fine or report issuing containing required violation information

## Video Surveillance

- 24/7 surveillance and video recording
- Day and night high-definition video recording in adverse weather conditions

# APPLICATION AREAS



Police & Security Forces



Airports



Shopping Malls



Residences



Campuses



Hospitals

# TECHNICAL FEATURES

## DETECTION

✓ Coverage	Up to 3 lanes
------------	---------------

## ILLUMINATION

✓ IR Spot	✓
✓ Day and Night Number Plate Detection	✓

## 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	SQL/NoSQL
✓ Alarm Management	✓
✓ Remote Secure Installation and Access	✓
✓ Violation Photo and Video Evidence	✓
✓ 24/7 Surveillance Record	✓
✓ Watermark	Applied on all photos and videos
✓ Media Local Storage	Up to 0,5 TB
✓ Vehicle Color, Brand, Type and Model Recognition	Optional
✓ Communication with Other Safe City Solutions via Ekin Red Eagle OS	✓

## CENTRAL SOFTWARE

✓ Various Database Support	SQL/NoSQL
✓ Integration	3rd party database and software or national inquiry services integration
✓ Graded Authorization	Admin, Supervisor, Users
✓ Customizable Fine Printing	✓
✓ SMS and Mail Support	✓
✓ Automatic Update	✓
✓ Log Record	✓

## ELECTRICAL FEATURES

✓ Connection Interfaces	Ethernet, Wifi
✓ Required Power Supply	12 DC min/210Watt
✓ Power Consumption	Average 35 Watt/Hour

## ENVIROMENTAL FEATURES

✓ Dimensions (w × l × h)	176,5 × 220 × 94 mm
✓ Operating Temperature	-25°C + 55°C
✓ Humidity Rate	%95 non-condensing
✓ IP Class	IP-66



Leader in Safe City Technologies

## Mobile Products

Ekin Patrol G2

Ekin Bike Patrol

Ekin Micro Spotter

Ekin Discreet Patrol

Ekin In-Car Patrol

## Fixed Products

Ekin Spotter

Ekin Box 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.