




Ekin BIKE PATROL

The First and Only Smart Bike
Patrol of the World

Ekin
SAFE CITY TECHNOLOGIES

Leader in Safe City Technologies





The first and only smart patrol bike of the world, which performs number plate recognition and parking enforcement on the move.

Ekin Bike Patrol is a high-tech mobile enforcement product designed for bicycles. Being suitable for any patrol bikes, Ekin Bike Patrol is aimed to bring order into the traffic and prevent the chaos caused by parking violations.

Why Bike Patrol ?

Provides Versatile Application Range

Based and designed upon the success of Ekin Patrol, Ekin Bike Patrol offers a versatile application range. The compact design allows to perform parking management and number plate recognition even at areas fixed solutions cannot control and where motored vehicles reach their limits.

International Award-Winning Plug & Play Design

Ekin Bike Patrol, as the first and only compact smart patrol bike product in the world, is compatible with any bicycle. There is no requirement for any further component to be installed or carried on the bike.

Thus, Ekin Bike Patrol turns regular police bicycles into smart patrol vehicles that can operate number plate recognition and parking management on the move.

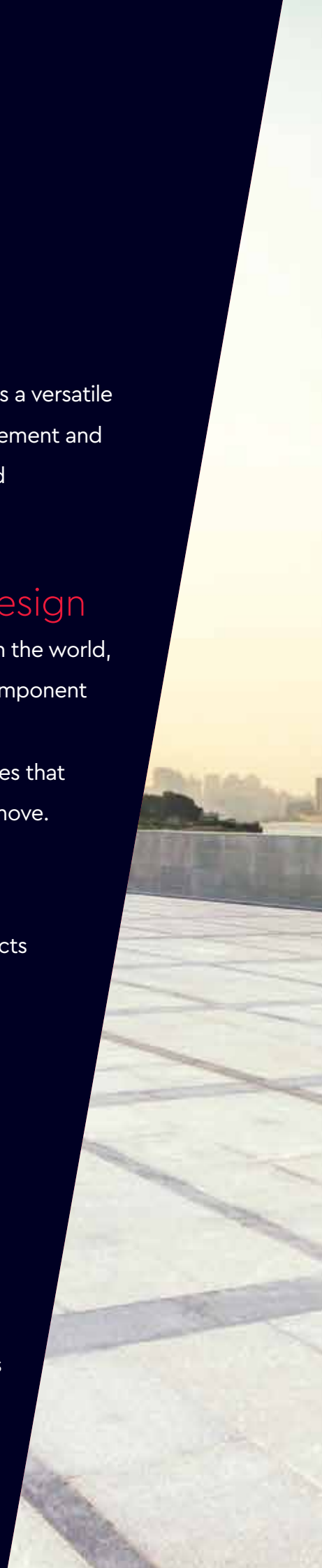
Generates Instant Alarms

Ekin Bike Patrol can be easily integrated to an existing database and detects the vehicles specified as "suspicious" or "stolen" on the blacklist.

Also, it provides an excellent solution at the parking zones by identifying parking time, parking violations for the vehicles not registered in the parking area or incorrectly parked vehicles and generate an auidial or visual alarm notification on its tablet application.

Centrally Managed by Ekin Red Eagle OS

Ekin Bike Patrol can communicate with all other Ekin solutions using the wireless communication infrastructure. Moreover, via monitoring on a digital map at the control center with Ekin Red Eagle OS, Ekin Bike Patrols can be directed to the incident scenes immediately.





FUNCTIONS



Parking Management

- ! Detection of all the number plates at parking areas
- ! Parking management ability whether Ekin Bike Patrol vehicle is on the move or parked
- ! Detection of parking time, not registered vehicles in the parking area and incorrectly parked vehicles
- ! High-resolution images of violating vehicles to use as evidence



Number Plate Recognition

- ! Automatic number plate recognition for moving or parked vehicles
- ! Capability to recognize license plates correctly under night, day, adverse weather and challenging traffic conditions
- ! High accuracy number plate recognition whether Ekin Bike Patrol vehicle is on the move or parked
- ! Identification of wanted or stolen vehicles over a specific database

TECHNICAL FEATURES

VEHICLE DETECTION

Direction of View	Left, right and front
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ILLUMINATION

IR Lighting	✓
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	✓
Alarm Management	✓
Remote Secure Installation and Access	✓
Violation Photo and Video Evidence	✓
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

Voltage	12 V DC
Power Consumption	Varies depending on configuration

ENVIROMENTAL FEATURES

Operating Temperature	-20 °C + 60 °C
Humidity Rate	%95 non-condensing
IP Class	IP-66



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)

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