



Powered by GAMAX

AI powered Smart Parking Solution

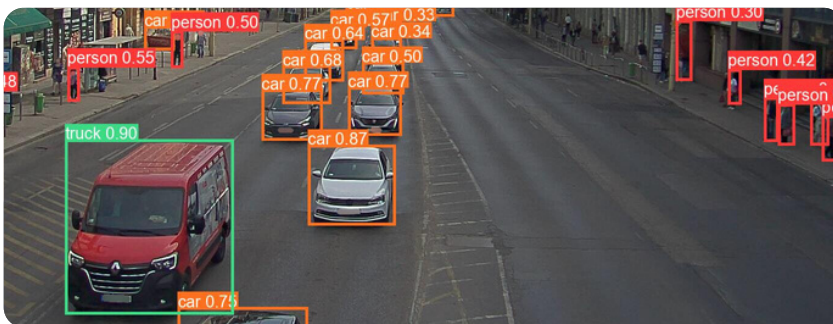


AI-powered Traffic and Parking monitoring with LPR for any situation



Gamax supplies video analytics solutions that capture events to deliver high-precision metadata and corresponding images for traffic and parking monitoring.

Any existing IP or CCTV cameras can be added to G-Park, lowering the infrastructural and maintenance costs. Our customized solutions employ AI - neural networks -, ensuring continuous improvement in accuracy and smooth operation while handling massive amounts of data.



Advantages about G-Park AI powered Smart Parking Solution

Accuracy

The G-Park object recognition module is able to accurately (re-)identify pedestrians, track vehicle traffic and detect license plates 99.5% of the time.

Extendability

Extending the monitored area is as easy as adding a new camera to the network, which seamlessly integrates with the rest of the system (plug 'n' play).

Stability

We fully commit to performing our best work to ensure the safety and stability of the system.

Flexibility

The G-Park AI module can be run on-premises or in the cloud.

About G-Park



Main facts about our parking solution

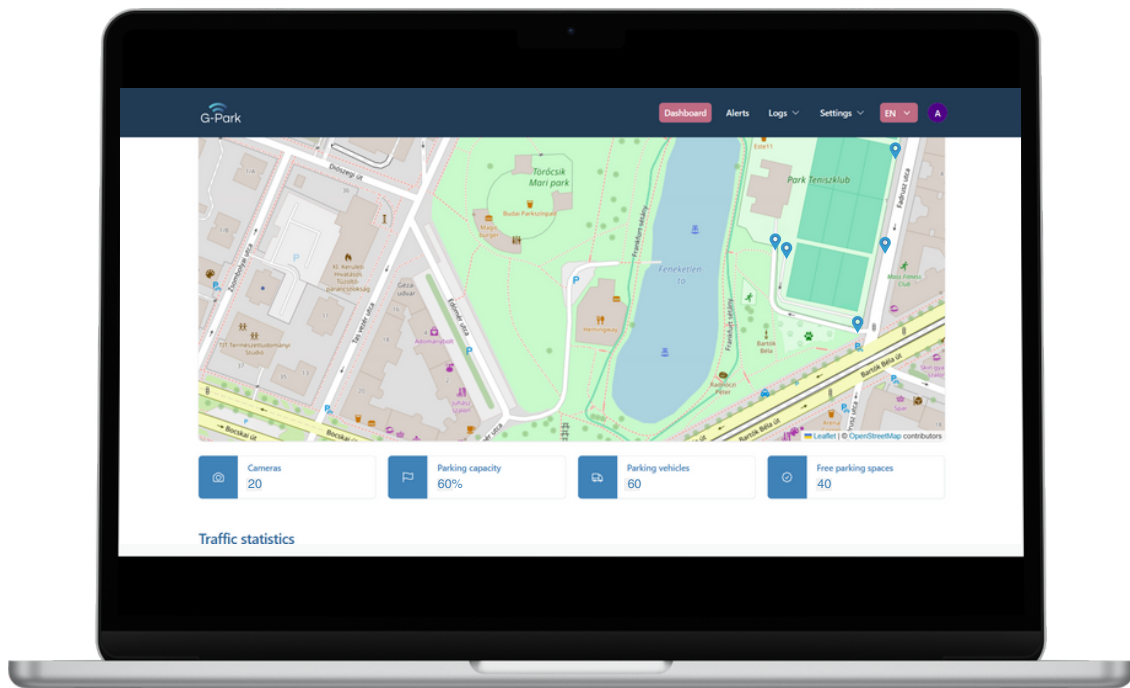
- #1** Originally designed for monitoring parking spaces, vehicles and pedestrians.
- #2** Our solution uses Machine Learning models that allow real-time monitoring
- #3** G-Park is deployed in multiple municipalities across Hungary and Greece.
- #4** Being fully GDPR and EU regulations compliant, there is as little red tape when deploying as possible.
- #5** With white-labeling it is possible to empower existing brands and smart city solutions.

Real-time traffic and parking data analysis

Features of G-Park AI powered Smart Parking solution

- Monitor vehicle traffic, including
 - Cars
 - Trucks
 - Buses
 - Bicycles
 - Motorbikes
 - Trains
- Monitor pedestrian traffic and object re-identification
- Monitor and predict direction of traffic volume
- Set up protected city areas and send notifications to authorized personnel about trespassers
- Monitor and predict parking fees
- Track and log vehicles by their license plates across monitored areas
- Use G-Park on any device, anywhere, including on Windows, macOS, iOS and Android

Dashboard



Real-time traffic monitoring is a must have for any modern city looking to improve vehicle and pedestrian traffic management.

We have worked tirelessly to create a solution that is not only able to adjust to any and all city and municipality needs, but also one that is able to integrate with existing solutions or other Smart City solutions.

The G-Park hardware components can be deployed using the current infrastructure - CCTV and any IP cameras.

The G-Park AI powered Smart Parking Solution edge inference devices can be used to process the CCTV feeds locally, thus not collecting any personally identifying information (PII).

The G-Park software solution can be run on-premise server infrastructure or cloud provider as well.

By integrating with the local law enforcement agencies the G-Park AI powered Smart Parking solution can be used to detect any trespassers in protected areas and have the law enforcement agents be notified via an integrated mobile application.

For Smart Cities



The G-Park AI powered Smart Parking solution is aimed at smart cities with either emerging or existing smart solutions.

The flexible software architecture allows customers to integrate the solution into their existing platforms and to choose the software modules that best serve their needs.

The modular hardware architecture allows customers to employ the system in any environment, be it camera-local, on-premise or cloud.

The G-Park software solution offers flexible client applications for end-users.

Our management dashboard is available on all modern platforms

Web Application
for Desktop

Mobile Application
for iOS and Android

API for integration into
existing systems



Technical details



G-Park AI powered Smart Parking Solution uses deep learning to identify pedestrians and 5 different types of vehicles (bicycle, car, motorbike, bus, truck).

The system is able to re-identify objects based on their previous trajectory and appearance even when partially or fully occluded for an extended period of time.

The collected metadata is encrypted and then securely sent to a central processing server, which powers the analytics dashboard.

Our edge inference devices can be used to process CCTV video feeds locally to the CCTV camera, hence saving bandwidth costs and ensuring that no personally identifiable information is sent to the central server.

For Cities	Support	For Partners
<ul style="list-style-type: none">• Per device licensing option• Infrastructure and software as service• Notifications for law enforcement	<ul style="list-style-type: none">• Knowledge base• Certified technicians• Submit a report• Support for existing infrastructure• Support for maintenance	<ul style="list-style-type: none">• White label licensing option• Custom licensing structure• Contact Sales

The G-Park software solution offers flexible client applications for end-users.

Get In Touch



We are looking forward to showcasing the value of

G-Park! [Get a free demo](#)

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