



GateGuard

Smarter Gates. Safer Spaces.

Elevate the safety and convenience of your property by implementing our cutting-edge Automatic Number Plate Recognition (ANPR) access control system. This state-of-the-art technology is tailor-made for modern properties seeking the highest level of security and convenience.

Trusted by



Industries



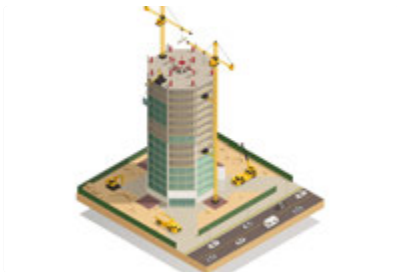
Residential, Commercial, and Institutional Complexes

Enhances security by automating access control, visitor management and identifying potential risks.



Hospitality Sectors

Enhances efficiency in hospitality-driven venues like hotels, restaurants and clubs. It optimizes traffic flow and expedites registration.



Construction

Track truck movement accurately with number plate, time of entry/exit and filled/unfilled status. Allows to create custom contractor/vendor specific reports.



Defense Premises

Safeguarding government facilities and military bases by enabling efficient access control, monitoring, and comprehensive visitor data management.

Residential, Commercial, and Institutional Complexes

Features



Unrivalled Recognition Accuracy

GateGuard's AI algorithms excel in license plate recognition with 98% accuracy for 4 wheelers and 94% for 2 wheelers. It flawlessly captures and recognises the following plates:



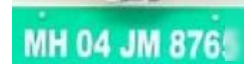
Two Wheeler



Hand Written



Bharat Series



EV Green Plate



Non-Standard



Capture Image

Records and stores entry and exit logs for vehicles, including timestamps, number plates, driver information and complete vehicle images.



Connect Platform

Online GateGuard connect subscription for

- Free remote login access
- Allows Addition, deletion and updation of Whitelist/Blacklist
- Allows to see live/historical status of devices (online/offline)



Signalling Lights

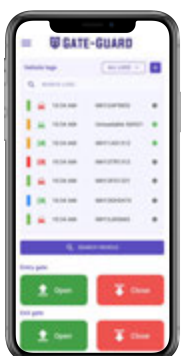
The system comes with Signalling Lights where



Green → Registered
Red → Unregistered



Guard Mobile Application



Guard can register Visitor, control barriers and check authorisation list.



Third Party Integration

Integrates seamlessly with -

Property management apps



Boom Barriers

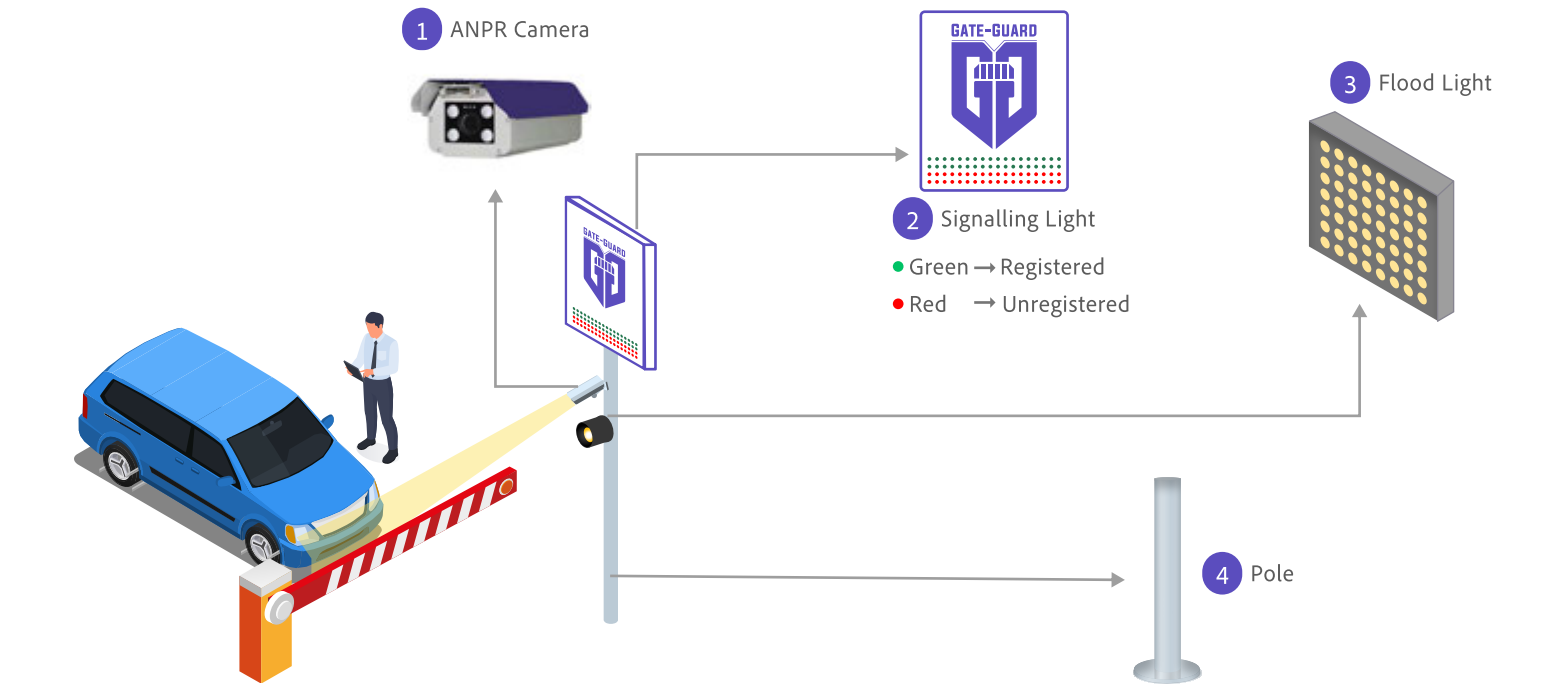


Automated Sliding Gates



System Contents

The system contains the following: 1] ANPR Camera, 2] Signalling lights, 3] Flood Light, and 4] Pole



Connect			
Feature	Essential	Professional	Premium
Remote Internet Access	Yes	Yes	Yes
Whitelist/Blacklist Edit	Yes	Yes	Yes
Download evidence image	Yes	Yes	Yes
Device Uptime tracking	Yes	Yes	Yes
Downtime records	Yes	Yes	Yes
Automated Reporting	No	Yes	Yes
Data Storage of images (1 Year)	No	Yes	Yes
Email Alerts (Blacklisted, vehicle overstay, vehicle alert, downtime)	No	Yes	Yes
Turn Around Time	No	Yes	Yes
Custom Reporting	No	No	Yes
Custom Fields for Vehicle Registration	No	No	Yes
Evidence Camera support	No	No	Yes
Authorised Vehicles Parking Control	No	No	Yes
Analytics dashboard	No	No	Yes
Vehicle Make, Color and type support	No	No	Yes
Suitable for	Everyone	- Residential - Commercial complexes - Educational Institutions - Hospitals - Warehouse	- Limited parking complexes - Vehicle Service Centers - Hospitality



Manoj K
Head of Security Committee, Bramha Majestic, Pune

"It has been a fantastic experience, residents didn't have to participate a lot, and didn't need to install anything on the vehicle. The deployment of this technology was effortless."

Specifications

Camera

Parameter	Description
Resolution max.	2 MP
Sensor	1/2.8" 2 MP Exmor Progressive CMOS sensor
Min. illumination	color:0.05 Lux at F1.2 / LED illuminator ON:0.001Lux at F1.2
Frame rate	25 FPS
Lens	Varifocal from 6-22
Shutter Speed	1/3s to 1/100,000 s
Processor	2.4GHz quad-core 64-bit CPU

ANPR Algorithm

Parameter	Description
Accuracy	Detection Rate >99.5% Recognition performance - 4 Wheeler >98% , 2 Wheeler >92%
Recognition Speed	40 milliseconds
Number Plate Support	• Supports HSRP, non-HSRP, Two Wheeler, Bharat Series, Green, Red, Hand painted • Supports single-lined, two-lined, three-lined number plates
Vehicle Type identification	4 wheeler and 2 wheeler
Vehicle Speed Limit	15-25 KMPH (Dependent on camera mounting)
Detection Range	5-10 meters
Lane Coverage	4 meters

Dashboard Features

Parameter	Description
Live View	Yes
Visitor Registration	40 milliseconds
User Management	Allows to add different users with Permission Control
Uptime Display	Shows the total uptime of the system for a given period

Data Management

Parameter	Description
Whitelist and Blacklist	Real time reflection of entries in the database- Addition, Editing and Deleting of data.
Storage	32 GB (Expandable upon request)
Bulk upload	Allows bulk upload of CSV/XLSX format
Owner Types	Addition of Multiple owner types - Residents, Tenants, vendors etc.

General

Parameter	Description
Relay output	2 Channel relay output configurable for Barrier, Light and Siren control
Integration	Supports API, TCP and WebHook integration
Power supply	DC12V
Operating temperature	-10°C—50°C
Working Humidity	90% or less (non-condensing)

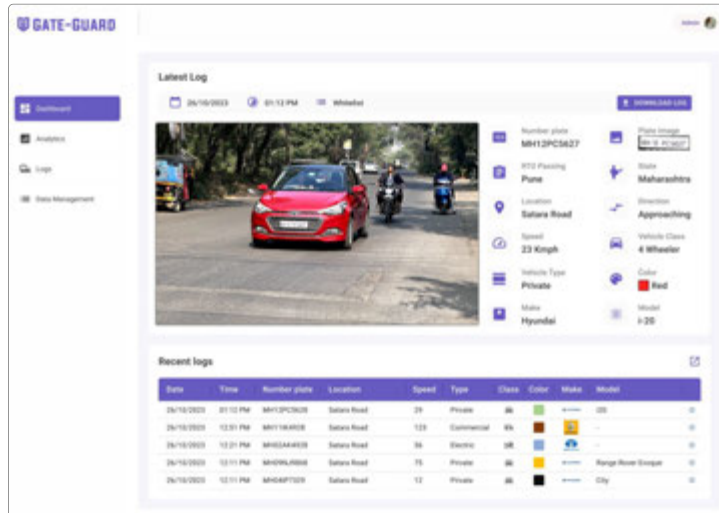
Hospitality Sectors

Features



Socio-economic Class of Customers

Analyze vehicle make and model to understand the socio-economic class of your customers, allowing for targeted marketing and tailored services.



Personalized Greetings

Display custom welcome messages for guests upon arrival, creating a warm and personalized reception experience.



Time spent by Customer

Track the total time customers spend within the premises, providing insights to improve service efficiency and guest experience.



VIP Alerts

Receive immediate notifications for registered VIP guest arrivals, ensuring they receive special attention and service.



Integration with Hotel ERP Systems

Seamlessly share guest vehicle details with hotel management systems for a streamlined check-in and management process.



4 Side Vehicle Image Capture

Capture vehicles images from all sides for maximum security of the guests and hassle-free dispute resolution in case of wrongful claims of damage.



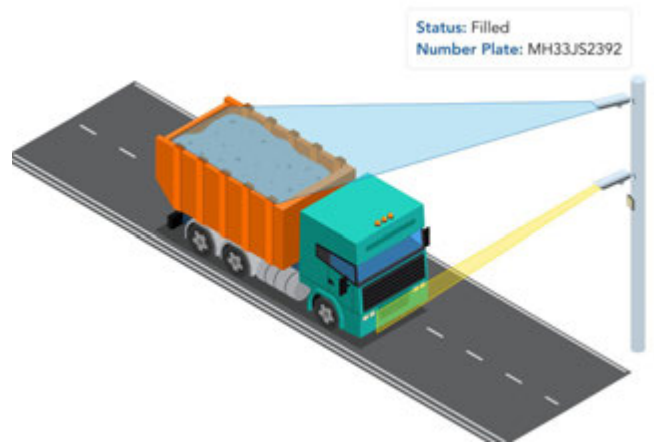
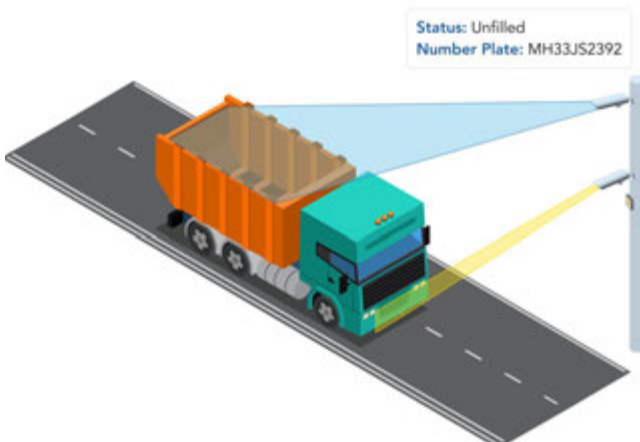
Construction

Features



Truck Filled and Unfilled Status Monitoring

Identify whether trucks are filled or unfilled upon entry and exit to manage logistics effectively.



Detailed Entry and Exit Logs

Automatically log every truck entering the premises, enhancing security and operational oversight.



Contractor and Vendor Wise Reports

Receive detailed vehicle movement reports categorized by contractor and vendor for better project management.



Accurate Truck ANPR

Reads vehicle number plates accurately even in dusty environments, ensuring reliable access control and tracking.



Low Power Requirement

Operates efficiently on solar power, making it ideal for remote construction sites with limited access to electricity.

Defense Premises

Features



Only Organization Which Does Defense ANPR

GateGuard is the only solution tailored for Defense applications, providing unparalleled security and accuracy.



Source: Google Images



Surveillance Integration

Seamlessly integrates with existing surveillance systems for comprehensive monitoring and enhanced security measures.



Data Encryption

Ensures secure transmission and storage of all data, maintaining the confidentiality and integrity of sensitive information.