

Discover i-View IP Surveillance Solutions



Continues to drive the new technologies in the video surveillance market and helps organizations protect and secure their people, assets, facilities, and peace of mind is our aim. From scalable HD video monitoring and recording to integrate with **NVR, CMS, FoS (Failover Server), IP Cameras, IVA (Intelligent Video Analytics) Server, ALPR (Auto License Plate Recognition), Face Recognition, Network Audio System, and Parking Guidance System**. i-View unveils new technology at an unrivaled stable to provide organizations of all sizes with the ability to deploy surveillance systems that can scale and adapt to your unique security needs as your environment evolves.

What are i-View Video Surveillance Solutions?

Vehicle recognition

VehRecog® specialize in car recognition and analytics for video security systems provide ALPR, AMMR, ACNR, AWNR, and AUTO UIC multi-car recognition modules for multiple application.

CMS

AnyNet® CMS server is a centralized and scalable platform for Central Monitoring application and the feature a powerful management capacity, up to 512 NVRs, 8,000ch cameras and 8 HDMI Display Monitors

NVR

AnyNet® Enterprise Embedded NVR server is built with server-grade components that provide redundancy on all critical components.

Network Audio

NetAud® network audio System can provide the ability to prevent and record possible crimes before an event occurs.

Failover Server

The AnyNet® FOS failover system with N+F capabilities takes your security system to the next level of stability, continuity, and performance.

IVA Solution

Vidlytics® Video Analytics suit for the rapid development of the security industry calls for the need for more intelligent video monitoring. For the reason that a massive amount of video is being recorded, but hardly ever being reviewed, it is ordinary to miss suspicious behaviors.

Face Recognition

QkDefine® Face Recognition system is an accurate, scalable, private, securer, real time alert system that prevents retail crime and in-store violence while protecting privacy.

Parking Guidance

ParkGuide® is a camera-based visual parking guidance system that reduces customer frustration while providing a wonderful high-tech parking experience.

IP Cameras

Whatever you are looking for, you will find an AnyCam® network camera to suit your needs. From robust outdoor cameras to discreet products for sensitive environments, we provide them all.



ParkGuide® Parking Guidance System



ParkerGuide® Parking Guidance System

Let Your Parking more Simpler, Smarter and Safer.

Intelligent Parking Guidance System (PGS) from ParkGuide®

ParkGuide® is a parking guidance system based on image analysis, including automatic license plate recognition, automatic information display, parking space detection, the outdoor empty parking space display, indoor parking guidance display, car search, parking space video monitoring, statistics reports, and automatic payment, etc. ParkGuide® is an intelligent parking guidance system that provides a high-quality, high-tech parking experience, improves the safety of car owners and vehicles, and reduces the irritation of customers looking for parking spaces in parking lots. Based on the core value of the business intelligence, the system automatically counts the parking behavior of car owners. This statistical information carries out commercial promotions at appropriate times to improve operational efficiency, revenue, and return on investment and help the operator improve parking management efficiency.

Why Need Parking Guidance System?

ParkGuide® Parking Guidance System

Lead Client Smart Parking



With the continuous increase in cars in recent years, the demand for parking lots and parking spaces is also boosting rapidly. The need for parking spaces is in short supply, especially in department stores, hypermarkets, exhibition venues, industrial areas, stations, airports, etc. It isn't easy to find parking spaces, let alone during peak traffic hours. Another situation that also troubles car drivers is that because the underground parking lot scenes are very similar, it is easy to get lost and forget the vehicle's parking location; this is the dilemma that most drivers have experienced. The parking guidance system can help find the parking space quickly when the car enters the parking lot; when returning to pick up the vehicle, enter the plate number on Find My Car Server, and it displays where you parked and helps you quickly get to the car. Customers save time finding parking spaces and picking up cars, thereby increasing the turnover rate of parking spaces in the parking lot, which should be a win-win result for both car drivers and the parking lot owner.

Why ParkGuide® Guidance System?

★ Besides Parking Guidance, It Gives You More



The continuously enhanced ParkGuide® parking guidance system can maximize the revenue of the parking lot, improve management efficiency and profitability, thereby simplifying management costs and improving operational efficiency.

In addition, it provides image monitoring to enhance customer and vehicle safety. Overall effectively reduces visitor parking pressure and uncertainty to leave visitors with a fantastic parking experience from the moment they enter the facility. It also improves the traffic flow of the entire building and even the surrounding streets.

Why ParkGuide® Guidance System?

★ Total Parking Guidance Solution



The parking lot is essential to drivers, and a good parking experience will leave visitors with a profound first impression. ParkGuide® parking guidance system provides a complete and efficient method that can significantly improve the smoothness of visitors' parking. From the moment the visitors arrive till the end when they leave the parking lot, the services provided by the parking guidance system will make the visitors feel intimate and thoughtful.

Why ParkGuide® Guidance System?

★ Improve Efficiency and Profitability



ParkGuide® integrates a parking guidance system and video recording function. In addition to providing parking guidance, it can also monitor and protect your car 24/7 to avoid unidentified damage during parking.

In addition, the intuitive reports generated by ParkRat® software collecting massive amounts of

data such as parking flow, time, parking behavior, etc., allow you to conduct comprehensive data analysis and decision-making further, then assists you in optimizing management operations and increasing profits of the business activity operation.

Why ParkGuide® Guidance System?



★ Maximize Your Revenue



The parkers are arriving, and they would gladly pay a premium for one of those spaces, especially true during peak-activity periods when your facility is reaching total capacity. The premium parking space can be a bona fide moneymaker with ParkRate® software. No need for expensive gate systems or costly loss of freedom. The intelligence-driven ParkRate® software works with the ParkCam® camera, which integrated LPR. You can easily designate spaces for premium pricing or other pricing strategies from anywhere throughout your entire facility.

Why ParkGuide® Guidance System?

★ Maximize Your Revenue

As well as can leverage these data to make better decisions such as:

- ✓ Streamline costs through operational Analyze the use of the facility to assist operators in setting strategies to increase space utilization and price cuts from off the peak times.
- ✓ Determine seasonal and recurring trends for customer volume and revenue from the historical analysis.
- ✓ Use the capacity/utilization metrics to assist plan for new construction or parking site expansion.
- ✓ Maximize performance and profitability.

Why ParkGuide® Guidance System?



★ Maximize Your Revenue



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Why ParkGuide® Guidance System?



★ Not Parking Only, Also Surveillance



The process of keeping a watchful eye across a parking facility is a daunting task. A standard ParkHelper® Camera installation is already in place to identify vehicles and monitor occupancy in every parking space. With the addition of our Witness Pro NVR (Network Video Recorder) software extension, the camera typically captures streaming video whenever motion detects in or around a space. It can also modify to provide continuous surveillance and recording. Either way, it's an expanded level of security also the best cost-effective solution to protect the cars and customers.

Why ParkGuide® Guidance System?



★ Elevating Parking Experience



From the start – At the street and entrance that is driver-decision key points, ParkGuide® the parking space finding signage clearly shows the number of available spaces on each parking garage floor. Then on each floor, bright LEDs on our smart sensors quickly signal hurried parkers to open spaces using familiar green-or-red color coding. Custom colors can also use for special designations – i.e., Blue color for handicapped, White color for VIP... etc.



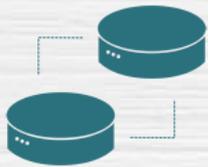
Embedded O.S.

An embedded operating system prevents the HDD break causing the system crash and a virus problem.



Redundancy Storage*

To protect recorded data with Raid storage redundancy, allowing record video and rebuild HDD simultaneously.



Backup O.S.*

Embedded O.S. and NVR software installed on the SSD with redundancy RAID 1 to ensure auto take over when SSD defected.



Watchdog Timer

Built-in hardware and software Watchdog timer, the system will allow auto-reboot when crashed



S.M.A.R.T.

Predict HDD failure and send the user a warning message with two levels via email, SMS, phone call, execute the preinstalled program.



Failed Over Server

The ParkBack® will automatically take overall functions of the offline or failed parking management host, perfectly perform the backup task, keep the management and operations of your parking lot running continuously.



Database Server

The ParkDB® database server is the best weapon for managing parking lots. Managers can inspect parking status or update the name-listed via browser from anywhere, while car owners can check the information of parking spots in the same way.

Health Monitoring



Allow online monitoring of the Parking Server health, Camera Connection, Event alert, Network connection, and Device status.

LPR/eTag Dual Recognition

Supports individual or both recognize license plate number and eTag electronic tag for vehicle access control. ◦



Recognition Speed

Support 30FPS recognition speed and software detection area, without the need for the Infrared loop detector



Lane Safety Alert

When a pedestrian enters the lane by mistake, the system can automatically sound an alarm at the gate of the parking lot, and at the same time, notify the security personnel to deal with it immediately. ◦





6 Parking Space Detection

One Parking camera supports detecting 6 (3 x2) parking spaces and the license plate number at a time.

Dynamic 7-colored LED Lights

The LED indicator has 7-color alternating lights, and the user can customize the color to match the parking event. E.g.:

Green	→ Available		Red	→ Occupied
Blue	→ VIP		White	→ Handicapped

≥99% Accuracy

ParkGuide® parking guidance system based on advanced video algorithms offers more than 99% parking space detection accuracy.





Zero Update Loss Of Parking Status

Even if there is a network or server interruption, the camera will continue to detect and update its LED light color to indicate the status of occupied/vacant parking spaces.



Quick Installation

It is quick to set up the parking space detection camera via a wide voltage (DC8V~26V) and a daisy chain configuration. A network cable and power cable can install up to 10 cameras, and the longest transmission distance can reach 100 meters.



Adjust View Angle Remotely

The parking camera has a built-in tilt motor, so you can directly adjust the lens remotely to get the optimum viewing angle of the camera.



Bypass

Bypass the failed devices to keep the system well working when using the Daisy-chain configuration. Meanwhile, The ParkHelper® host will automatically bounce an alarm message to notify the administrator.

System Reliability Analysis



The ParkGuide® system continues to dialogue between the parking camera and server. Using the collected data from the verification process to analytic and regularly provides the facility manager with a detailed report – proving the reliability of the system in a tangible way.



Alarm Notify

The system detects the parking detection cameras in real-time. When the camera stops working, the ParkHelper® server will automatically bounce an alarm message.



Find Your Car with Ease

Enter your car plate number, and the ParkGuide® system will automatically display your parking location. Even if the number entered is incomplete, it can show you the possible parking location through fuzzy comparison. Forgetting the parking location is no longer an annoying problem.



EV Charging Parking Space Management

The system can assist the management of electric vehicle charging parking spaces, such as avoiding non-electric vehicle parking, limiting parking time, warning parking but not charging the car.



Save Parking Time

During peak parking hours, customers can save more than 80% of their parking time on average.



Avoid Long-term Occupation Of Parking Spaces

Automatically discover vehicles that have been parked for a long time and have never moved.



Multi-space Parking Notice

When a car occupies multiple parking spaces, an alarm message will automatically pop up.



Unlicensed Car Warning

Auto pop-up alarm message once discovers the car without a license plate.



Secure Your Car

Fully protect your car with video during parking to avoid unknown damage.



Parking Period Limit

Limit the parking time of specific parking spaces to avoid long-term occupation, such as parking spaces in electric vehicle charging stations.



Avoid Occupying Parking Spaces

Assign a specific parking space to a particular car plate number or group. When parking at the wrong location, the system will automatically pop up a warning message.



Reserved Parking Space

Set the parking time and license plate number of reserved vehicles. When the reserved car is at the barrier gate, parking guide information will be displayed at the same time to guide visitors to park in the reservation area.



Penalties for Violating Vehicles

The system will auto-execute penalties rule when vehicles violate parking rules, such as not being allowed to re-enter the parking lot within a period.



Information Announcement

Auto-display guide information to another parking lot when the parking space is entire.



Parking management

The system can establish the management list of motorcycles and vehicles at a time.



Recognition Object

Identify the cars, motorcycles, bicycles, people objects through electronic tags (eTags) to access control of car park with database lists of the management server. This function can make up for the lack of license plate recognition.

Rental Parking Management



Specify the group or license plate number (monthly or short-term rental) to which the parking space belongs. Alarm notification can be issued immediately when the parking space occupies by vehicles without permission to park.

Multiple Payment Way



Accept different payment ways, such as cash, credit card, pay online, and electronic ticket.

Prevent An Inside Job



Employees improperly charging parking fees or guests parking with fake cards are common management loopholes in manual parking administration. These blind spots in management are likely to bring a massive loss of profits to the operators.



Alarm notification

When an event is triggered, the system alarm notification automatically via Line app, pop-up message, sound alarm, and email notification (with photo file) .



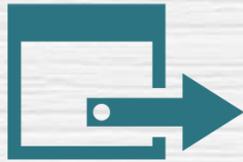
Empty Parking Space Message

Drivers can query the information of empty parking space through the Website and Line App via mobile phone to facilitate the customers to determine whether to go to this parking lot.



ECO

Quickly find parking spaces to reduce vehicle exhaust emissions and improve the air quality of parking lots.



Export/Import data

Supports the export of event records log in txt and Xls formats and allows batch import and export of database lists in CSV format.



Playback event video

Enter the license plate number or electronic tag number, and the system will arrange the event log in chronological order of the recognition results. Click on the event, and the video will be playback from the event time automatically.



Events search quickly

Allowing quick search for events by categories such as name, license plate number, electronic tag number, company, person name, group, time zone, and gate.



Instant Notify

They integrate with the Intelligent Video Analytics (IVA) and Public Address (PA) system to automatically alarm broadcasting when the vehicles park improperly.



Intuitive Statistical Report

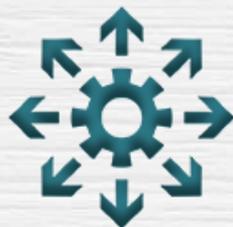
Provide parking statistics, hotspot, and traffic flow analysis outcomes.



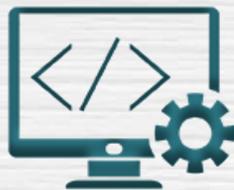
Parking Experience

Eliminate the stress of parking and provide its customers with a world-class parking experience to leave an excellent impression.

Extendable



The parking camera itself has the processing power for parking space and license plate detection. The recognition processing scatters throughout the system instead of being entirely borne by the parking server. Therefore, the system is powerful enough to achieve more functions and the expansion required.



SDK Integrated

Customized automatic & manual payment system also provides SDK tools for third-party POS system integration, issue discount QR codes, and printing receipts.

Solution Comparison

Item/System	Camera-based PGS	Ultrasonic-based PGS	Sensor Parking System
Parking Guidance Function	✓ Yes	✓ Yes	✗ No
Correct Parking Spaces Volume	✓ Accurate, Auto correction	✓ Accurate, Auto correction	✗ Need frequent manual correction
Reserved Parking Space	✓ Yes, Support indication	✗ No	No
Protect Car & Person Safety	✓ Yes, provide video record	✗ No	✗ No
Detect Parking Space status	✓ Yes, notify wrong parking	✓ Yes	✗ No
Detect No License Plate Car	✓ Yes, Pop-up notification	✗ No	No
Across Parking Space	✓ Yes, Pop-up notification	✗ No	No
Long Time Parked Car	✓ Yes, Pop-up notification	✗ No	No
Find Parking Place	✓ Yes, Fast and fuzzy matching	✗ No	No
Parking Experience	✓ Excellent	~ Good	✗ Normal

Solution Comparison



Secure your world in ours

Item/System	Camera-based PGS	Ultrasound PGS	Sensor Parking System
ECO	✓ Reduce 80% CO2 emissions.	✓ Reduce 80% CO2 emissions.	✗ Not good
Emergency & Event Notification	✓ Scalable	✗ No	✗ No
Stop Employee Theft	✓ Yes	✓ Yes	✗ No
Maintain Cost	~ Normal	✗ High	✓ Low
SDK Integrated	✓ Yes	✗ No	✗ No
Peak time Parking Turnover	✓ Increasing 50%-75%	✓ Increasing 50%-75%	✗ Low
Total Cost	~ Normal	✗ High	✓ Low

How does the system work?



ParkGuid® Product Series

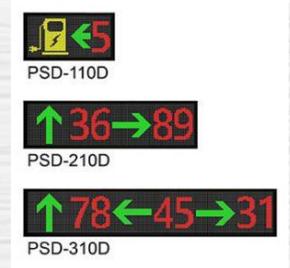
Parking space detection camera

Parking Space Management Server

Parking Location Finding
Server

Auto-Pay Machine

Parking Space Guidance Display



Secure your world in ours

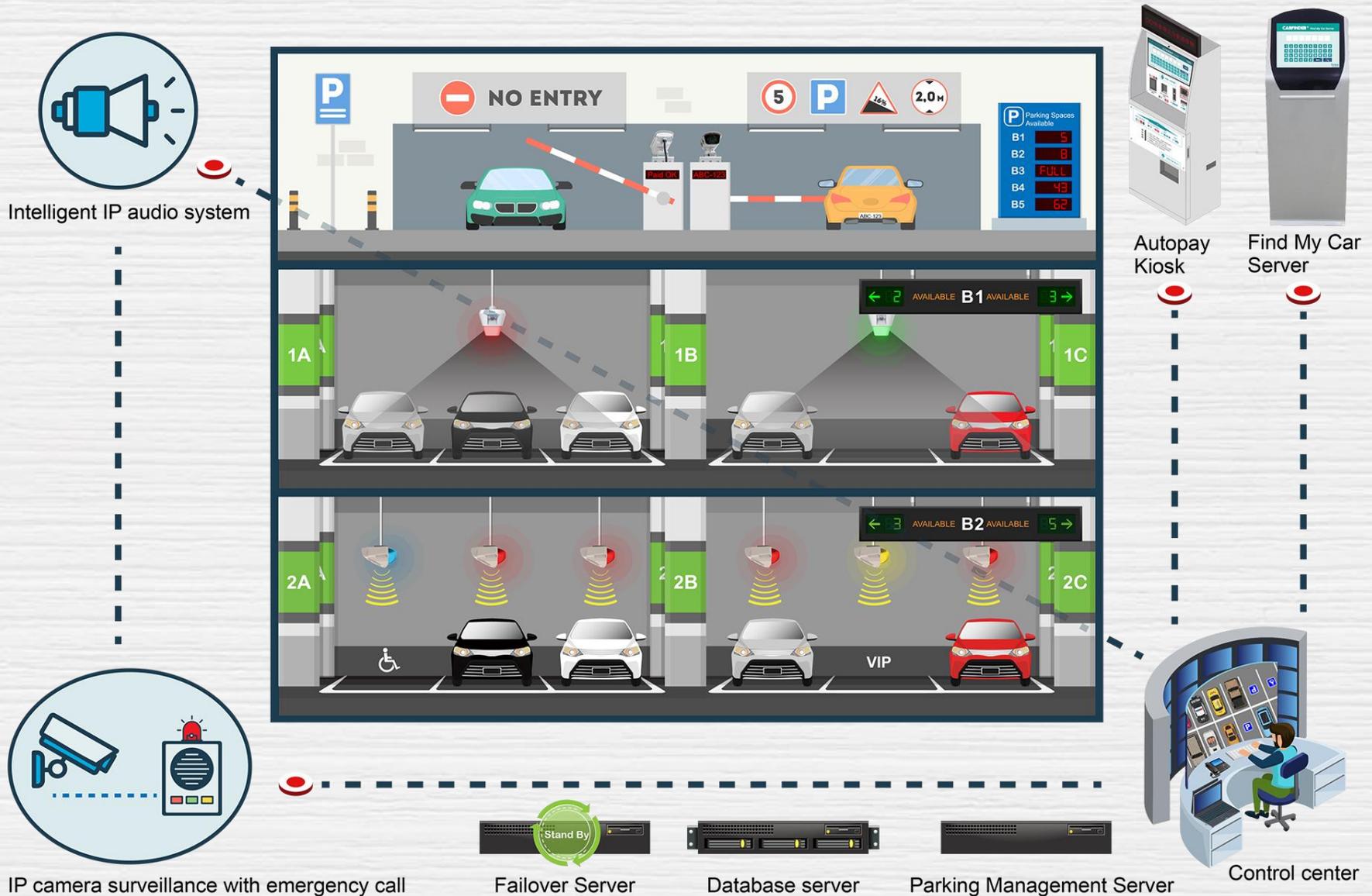
ParkGuide® System Configuration (Camera-Based)



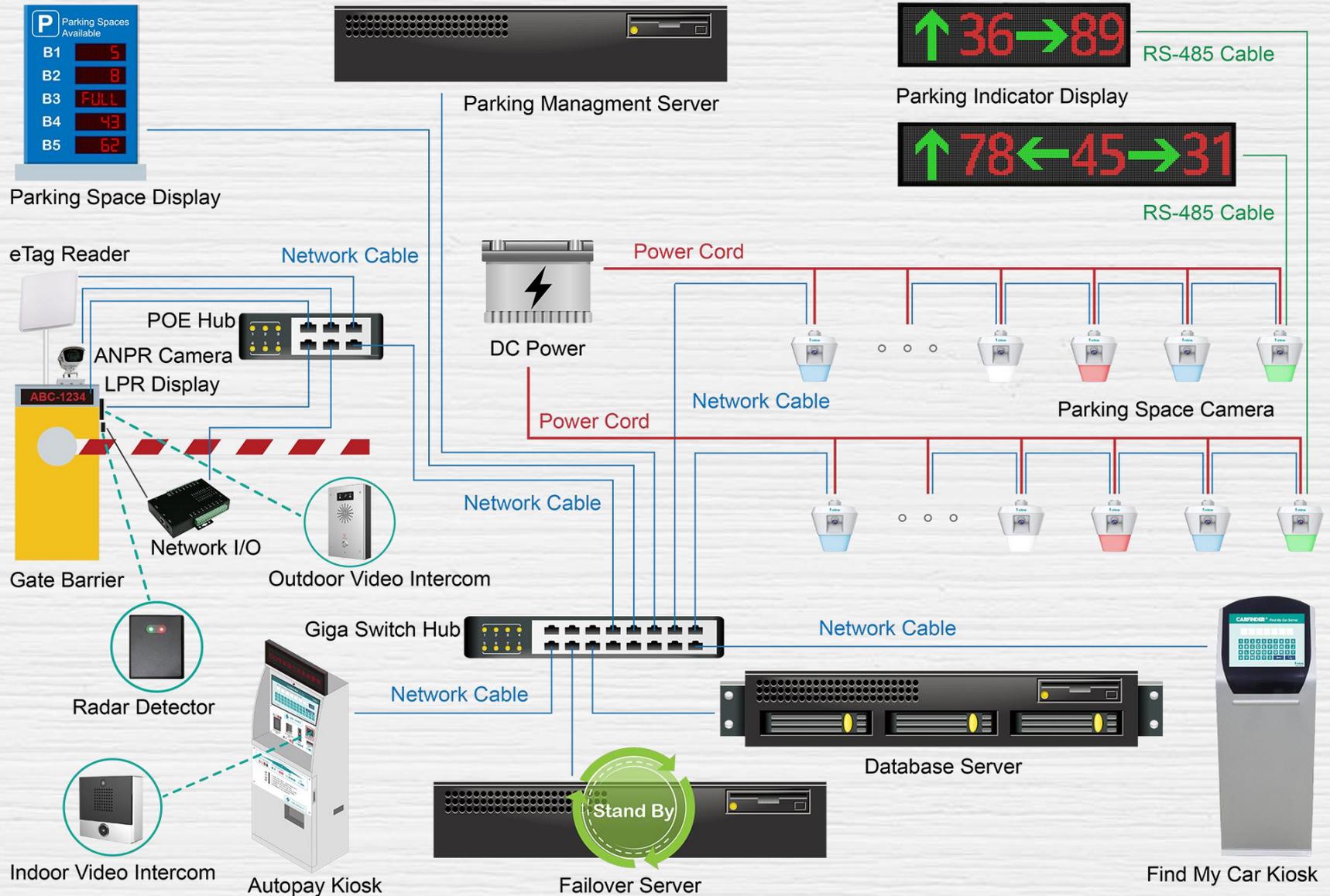
ParkGuide® System Configuration (Ultrasonic Based)



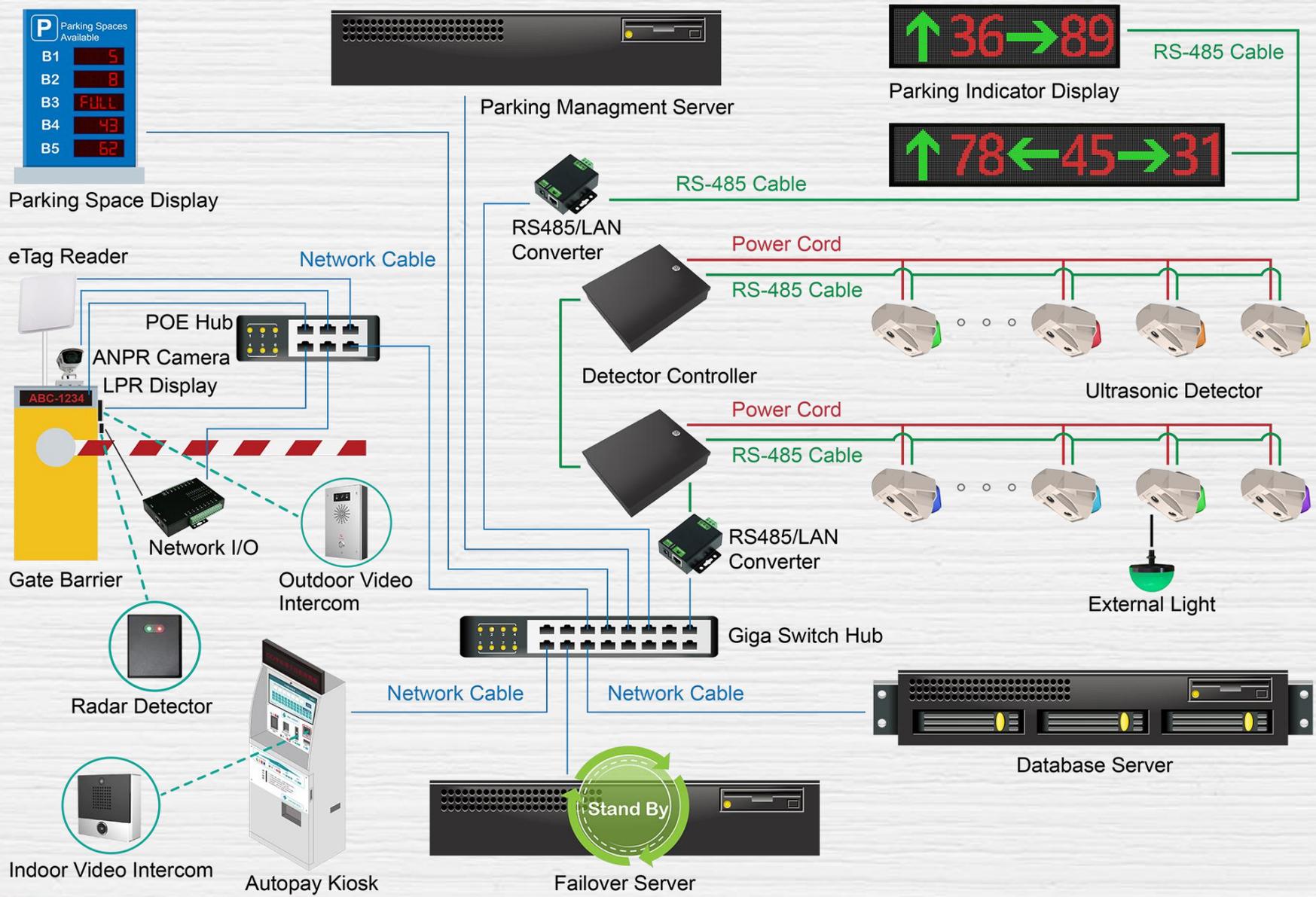
ParkGuide® System Configuration (Mixed)



ParkGuide® System Cabling Structure(Camera-Based)



ParkGuide® System Cabling Structure (Ultrasonic Based)



How does the system work?



P Parking Spaces Available	
B1	5
B2	8
B3	FULL
B4	43
B5	62

① Display available parking spaces

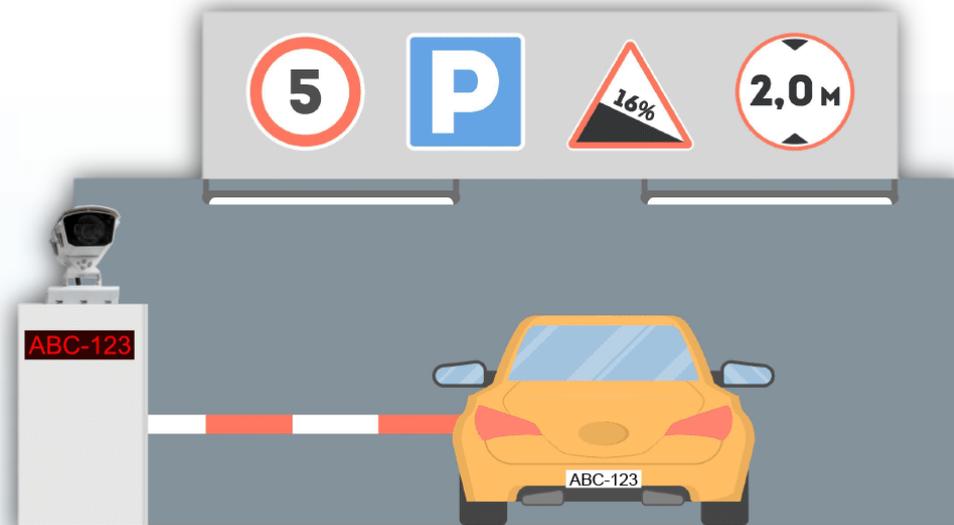
When the driver arrives, the number of available parking spaces is clearly and real-time displayed outside and at the parking lot entrance assisting the driver in choosing a parking place or parking floor.

How does the system work?



②

Auto recognize license plate at the entrance



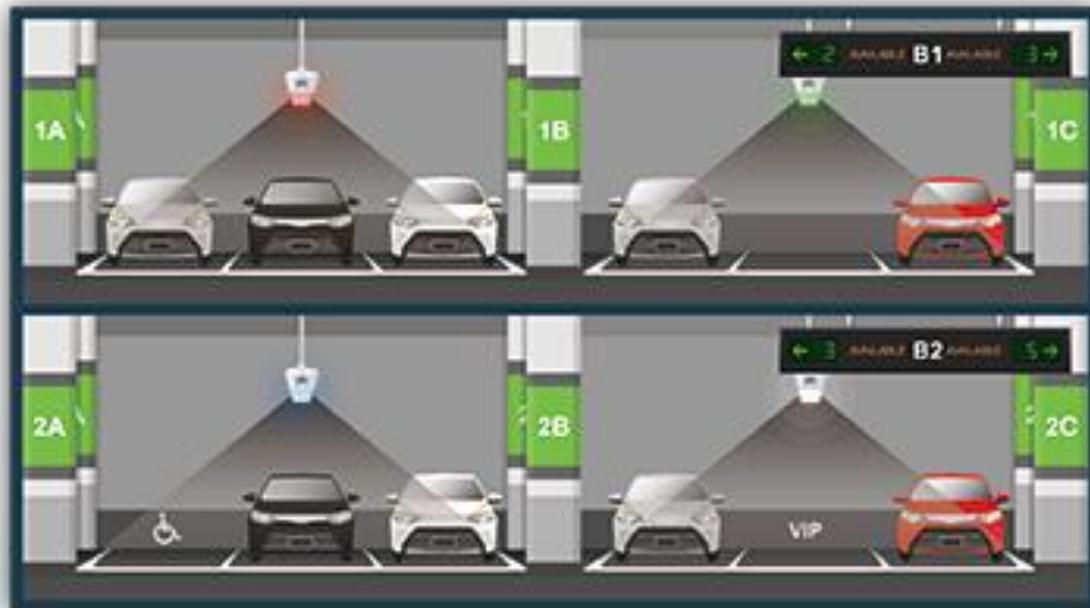
The system will open the gate to allow the vehicle to enter the parking lot after the ALPR system recognizes the license plate (allowing comparison of black/white list). The driver can see the number and direction of available parking spaces at the entrance, turn, or intersection, which helps the driver determine the direction and floor to find the parking space quickly.

How does the system work?



3

Detect and display parking space status



The ParkCam® parking space detection camera built-in bright/multi-color LED installs at the parking space for parking space indication. The LED color will assist the driver in finding the parking space quickly and transmitting the results to the ParkHelper® parking management server immediately.

How does the system work?



Autopay Kiosk



CarFinder®
Find My Car Kiosk

4

Auto-pay system and assist find out the parking location

When drivers forget where the vehicle is parked, the CarFinder® Find My Car Server will display the possible parking location quickly even though the entered number is incomplete.

ParkGuide® Application Field



Secure your world in ours



Casinos/Entertainment



Hospital



City Hall/Government



Airports/Train Station



Casinos/Entertainment



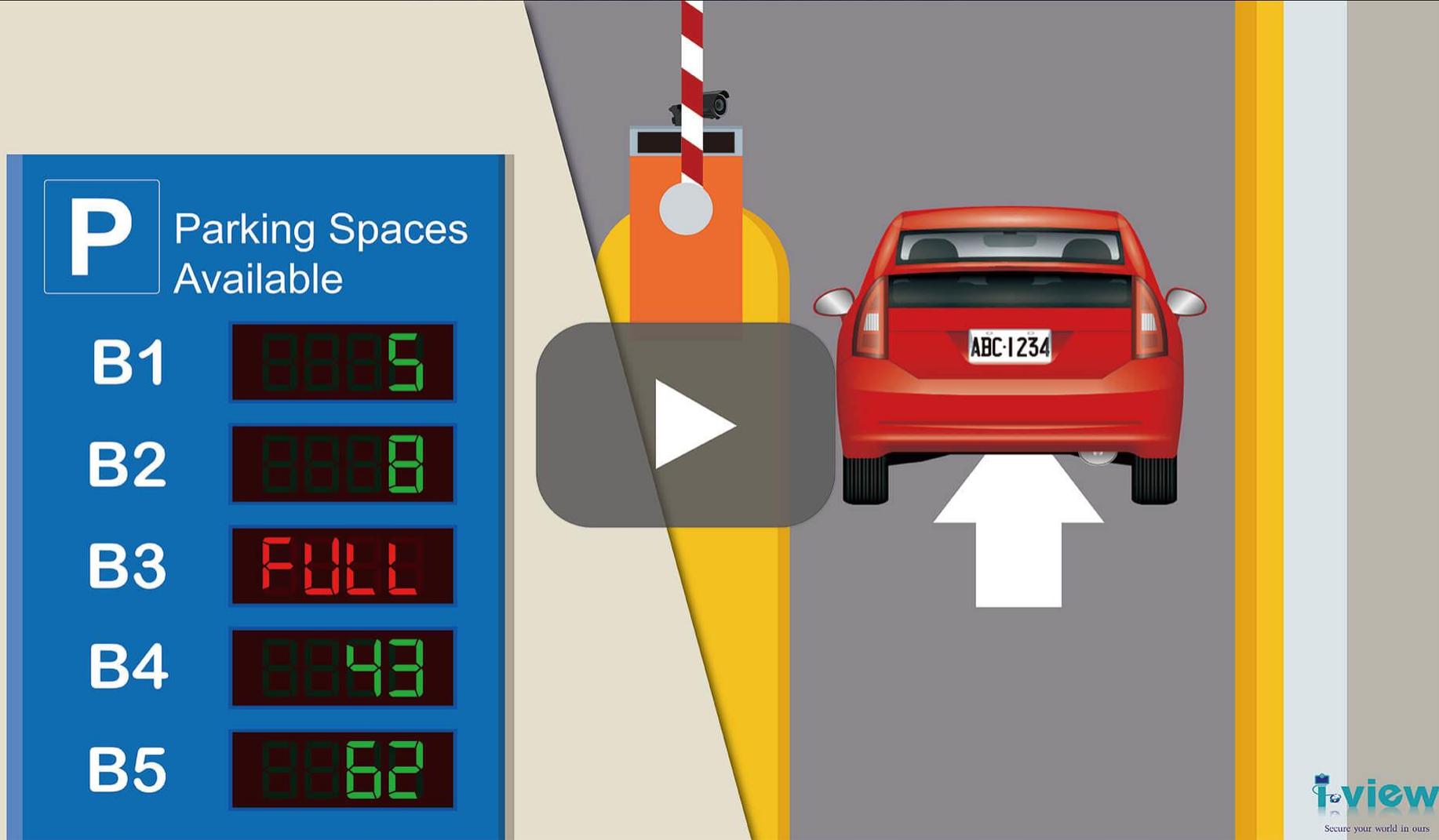
Corporate Campus



Colleges & Universities

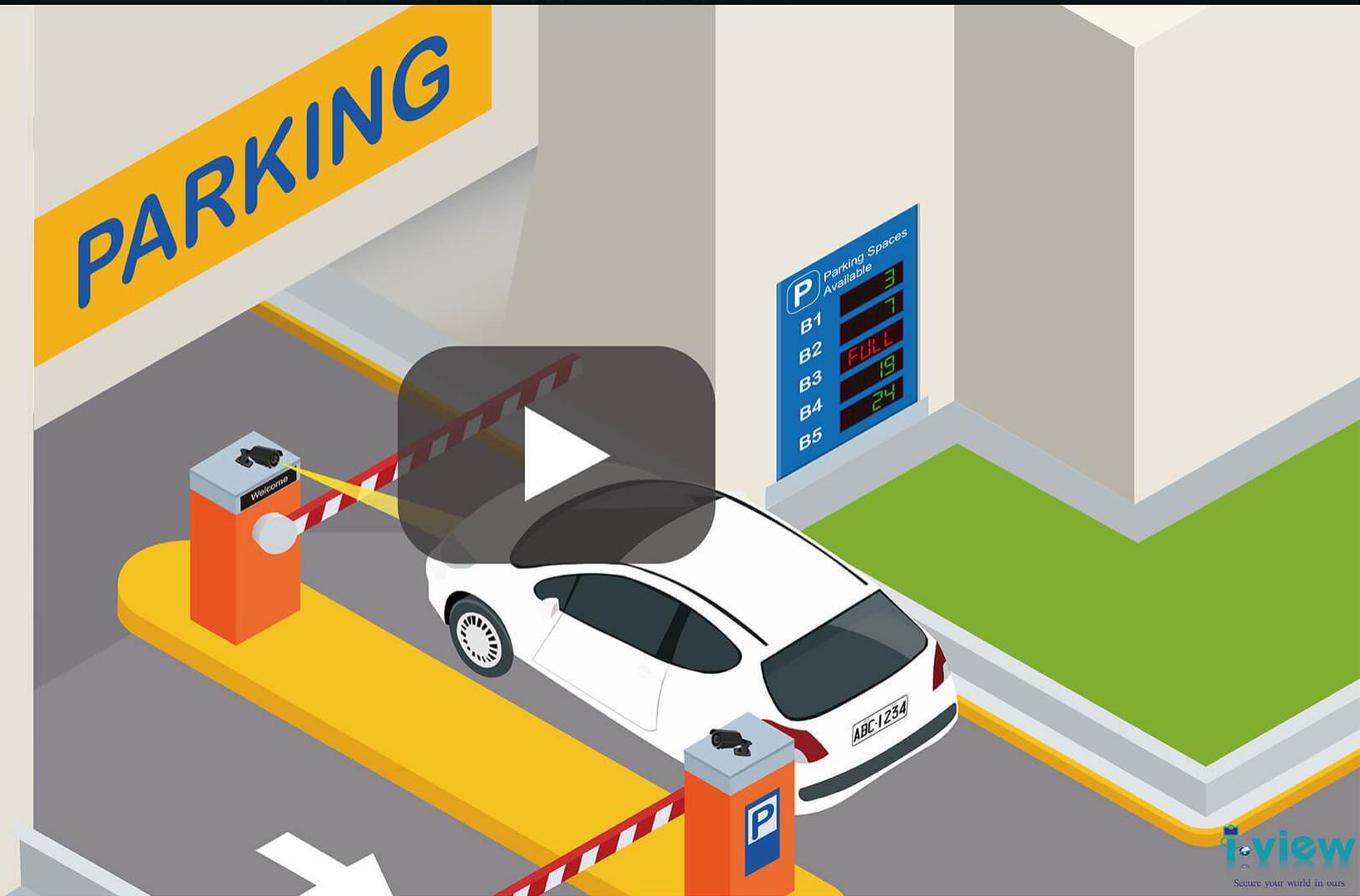
Video-based Parking Guidance System (PGS) operate?

(Click to Play Video)



Reserve parking spaces for VIP customer

(Click to Play Video)



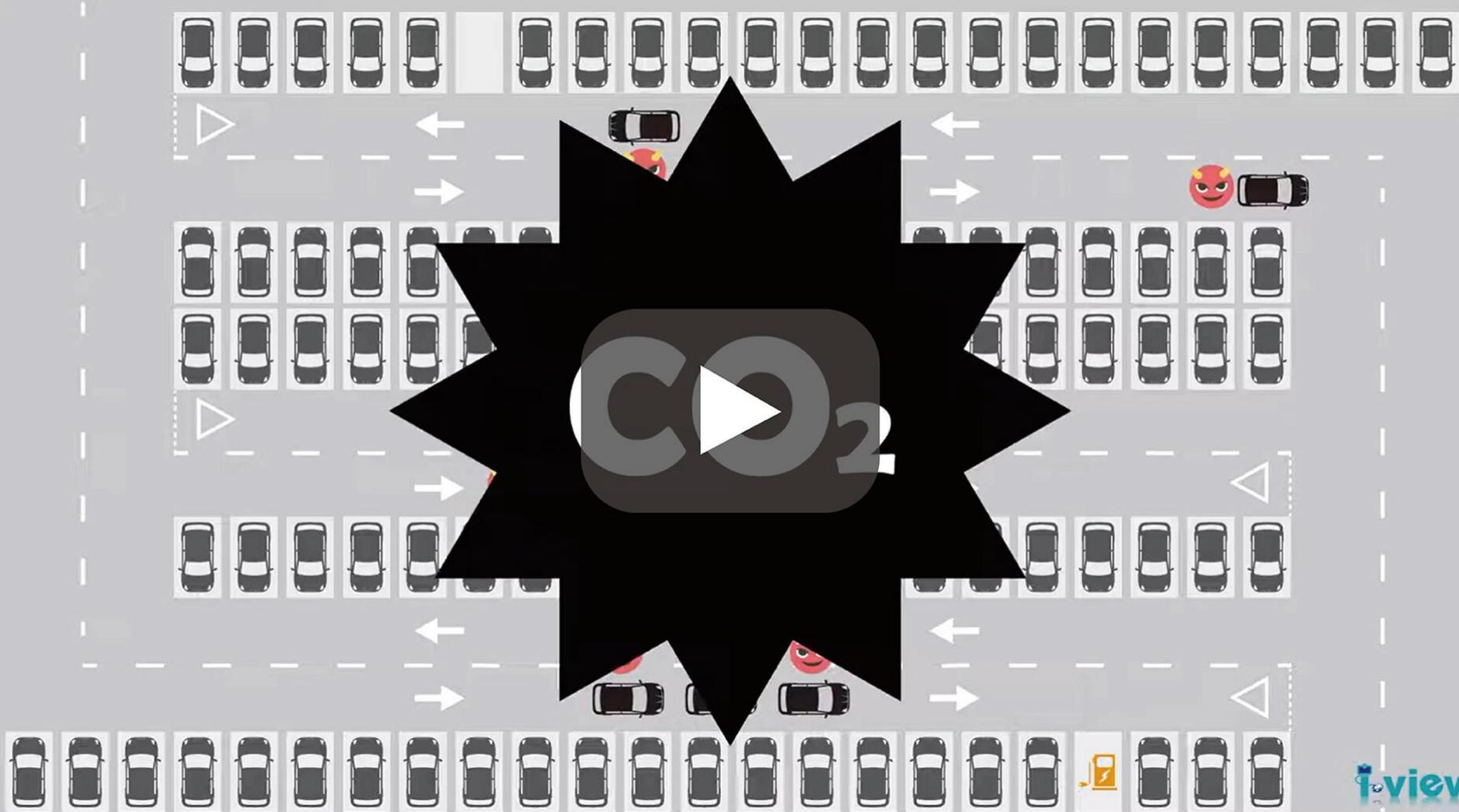
EV charging parking space management

(Click to Play Video)



Saves parking time while & Reducing exhaust emissions.

(Click to Play Video)



Q & A

