# PARKING COMPANY PROFILES

SMART PARKING SOLUTION

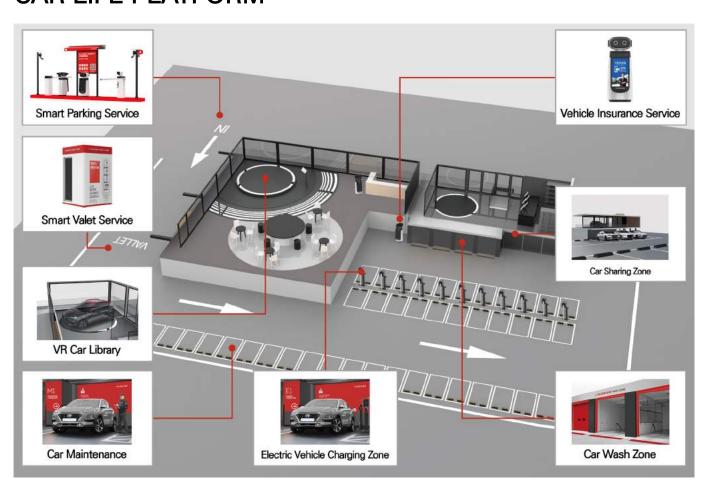


# **OUR VISION**

Evolve into the Smart Car Life Platform in the Era of Self Driving Vehicle and Electric Car



# **CAR LIFE PLATFORM**



# **CONTENTS**

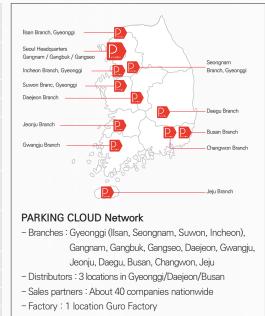
01	Company General Status	5
02	Company History	6
03	i PARKING Smart Parking Control Solution	7
04	i PARKING Next Generation Smart Parking Control Solution	9
05	i PARKING Smart Kiosk Solution	11
06	i PARKING Smart Parking Guidance System Solution	13
07	i PARKING Smart Parking Application	15
80	i PARKING Smart Parking Management Solution	17
09	i PARKING's Unique Services	19
10	i PARKING's Major References and Customers	21
11	i PARKING's Award and Certificate	23



# **Company General Status**

# 01. Company General

Company Name	PARKING CLOUD
CEO	Shin Sang Yong
Business Areas	Parking lot management, Software development & supply, Parking Control System, Parking Guidance System, etc.
Foundation Date	Nov. 17, 2009
Businss Registration No.	101-86-51015
Type / Category	Service, Manufacturing, Wholesale and retail/ Parking, garage management, other machinery and equipment, online information service, etc
Capital	5.5 billion won <b>**Stable financial structure</b> (investment of \$80 Million)
Address	F1 & F2, 19, Yeongdeungpo-ro 3-gil, Yeongdeungpo-gu, Seoul, Korea (Yangpyeong-dong 2-ga 43-3)
TEL	+82-1588-5783
Homepage	smartparking.iparking.co.kr/en/
Employee	447 (As of February, 2020)
Engineer	Engineer (S/W, H/W):78, CS/AS Technician:162



# 02. Organization Chart

CEO

# Specialty & Career Background

Parking System: Amano Korea engineering & sales

Parking Management : GS Park24, Wilson Parking development & marketing

Car Sharing: Green Car operation & marketing

Strategy & Service







Sales Audit **Managing Director** 

# 03. i PARKING's Strength

Solution competitiveness	Service competitiveness
<ul> <li>Secure the highest recognition rate with server LPR introduction</li> <li>AI (Artificial Intelligence) based deep learning technology</li> </ul>	<ul> <li>Signed exclusive contract with Korea's largest auto manufacturer (H Motors) to provide In-Car-Payment</li> <li>Payment and discount service using credit card points</li> </ul>
continuously improves recognition rate and LPR update  - Identify and distinguish various license plates  (temporary, diplomatic, military license plates, etc.)	<ul> <li>Automatic discount for parking fee using mobile APP / Web</li> <li>Provide the parking lot improvement service (only provider in the industry)</li> </ul>
<ul> <li>Collect Big Data to offer Various automatic discount service to Small Cars (Only provider in the industry)</li> <li>Update the entire Program of Parking Lot simultaneously based on the Cloud Platform</li> <li>Real-time parking status monitoring using mobile/web App</li> </ul>	<ul> <li>Create additional revenue by providing various Biz model such as target marketing, valet service, unused parking space promotions</li> </ul>

# **Company History**

# 2020

Jan. Exhibited at CES2020 with independent booth

# 2019

- **Dec.** Received an order for parking lot improvement of 30 public parking lots in Seongnam
- Nov. Received an order for parking control system of 17 public parking lots in Jeju
- **Nov.** Received an order for integrated parking management system in Ulsan University Hospital
- Oct. Awarded Best Of Best 100 in PIN UP DESIGN AWARD with i-BOT
- Oct. Awarded in Good Design Award with smart license plate reader
- Sep. Received order for KBS unmanned parking control system
- Sep. Received orders for E-Mart Smart Parking System establishment on 50 places
- Aug. Opened 2000th i PARKING zone
- Jul. Acquired Technology Evaluation Excellent Enterprise Certificate
- **Jun.** Received order for integrated construction of 17 public parking lots in Yongin
- Jun. Participated in MaaS business 'high move' service
- May. Acquired K Mark Certificate
- May. Received an order on 'Smart City Challenge Project' of Ministry of Land, Infrastructure, and Transport for Daejeon Parking Cloud
- Apr. Selected as Hi Seoul Brand by Seoul Metropolitan City
- Mar. Launched 3rd generation system model 'i-BOT'
- **Feb.** Received 'ASIA DESIGN PRIZE 2019' WINNER for i-BOT and 2.0V circuit braker
- Feb. Received GS certificate on integrated management software
- **Jan.** Participated on CES 2019 Daegu Smart City as a demonstration company

# 2018

- Dec. Completed Ilsan KINTEX integrated parking control system
- Oct. Awarded 'Minister's Prize by the Ministry of Commerce, Industry and Energy' at Design Korea
- Sep. Merged and acquired i PARKINMG (former Tomato Electronics)
- **Sep.** Won the pilot project for establishing smart parking empirical service of Daegu Techno Park
- **Jul.** Selected as preferential purchase of excellent invention for parking lot management server by Korea Invention Promotion Association
- **Jun.** Received the order for the integrated parking management system development project for the entire KT office
- **Jun.** Received the order for ADT parking integrated parking management system development project
- **May.** Awarded the 'Presidential Citation' in the category of Exemplary SME
- May. Received the order for the integrated construction of 9 public parks in Songpa-gu
- Apr. Received the order for IFC Mall Parking System
- Apr. Received the order for integrating Eland Group (NC department store, Outlet Outside 2001) parking lots
- Mar. Received the order for integrating Namyangju public parking lots integrated
- Mar. Business alliance with SK Networks
- Feb. Received the order for building Time Square Parking System
- **Feb.** Received the order for supplying the parking control facility of public parking lot to Daegu Facility Management Corporation
- Jan. Acquired ISO27001 Certification and held the ceremony
- Jan. Integrated 10 public parking lots in Cheonan city

# 2017

- Dec. ISO9001 Certification
- **Dec.** Awarded "Minister Prize of Commerce, Industry and Energy" for the contribution to global culture
- Nov. Introduced Parking Pass at Ulsan Facilities Corporation
- Nov. Opened Tmap affiliate service
- Nov. Awarded 'bronze prize' at Korea Invention Patent Exhibition
- Oct. Received order for Haeundae LCT parking control and guidance system
- Oct. Awarded 4IR Awards at 2017 Korea Good Company Award
- Sep. Selected as 'Mobile of September' at Korea Mobile Award 2017
- Aug. Completed integrated parking management system of Gangnam-gu public parking lot
- Jul. Merged and acquired Tomato Electronics
- Jul. Signed Seoul Real-time Parking Information Service Agreement
- Jul. Opened Hyundai Blue Member's affiliate service
- Jun. Moved Parking Cloud headquarters building
- May. Connected with Samsung Card account linkage service
- Mar. Supplied High-parking integrated parking system
- Mar. Hyundai Capital Business Alliance & Service Connection
- Mar. Achieved 300 locations in i PARKING zone
- Mar. Received a contract for building a smart parking control system in Goyang city
- Mar. Received the order for building 17 locations in KTX Donghae GS Park 24

# 2016

- Dec. BC Card Partnership Agreement
- Nov. GS Park 24 Business Cooperation Agreement
- Oct. Samsung Card partnership and service connection
- Sep. Gangbuk-gu Office Business Cooperation Agreement
- Sep. Woori Card partnership and service connection
- **Sep.** Lotte Card partnership and service connection
- Sep. Auto Oasis partnership
- Aug. Shinhan card partnership and service connection
- Aug. Japan NEC Business Cooperation Agreement
- Aug. Suwon City Business Cooperation Agreement
- **Apr.** Received the order for the integrated parking management system development project of Gangnam—gu public parking lot
- Apr. Selected as a public park parking pilot project in Goyang city
- **Apr.** Attracted investment from Samsung Venture Investment
- Apr. Signed Shinhan Card Mobile Platform Alliance Agreement
- **Feb.** Signed Smart Parking Business Agreement for Smart U-City Infrastructure in Gwangjin-gu
- Jan. Attracted investment from HB Investment

# 2015

- Dec. Attracted investment from Nexen DNS Investment
- Jul. Established a system manufacturing factory
- Jun. Launched i PARKING mobile service
- May. Attracted investment from Hanwha S&C Dream Plus

# 2014

- Dec. Attracted investment of Esang Technology Investment Co,Ltd.
- Nov. Silicon Valley Showcase
- Sep. Launched i PARKING portal service
- Sep. Started parking lot brokerage commerce
- Jun. Selected as D3 Global Impact Engine 2
- Jun. Established an affiliated research institute

# i PARKING Smart Parking Control Solution

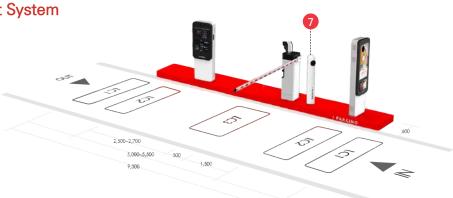
i PARKING parking control system provides the most economical construction cost and the most convenient and smart operation method to give parking lot managers sales increase and cost savings. It also provides smart parking service to driver customers as well as economical parking environment through various parking discount promotions.

# 01. Unmanned System





# 03. Single line Enter / Exit System



# 04. Parking Lot Management Program





These products are in the process of design application and registration process according to [Design Protection Act]. In case of unauthorized copying, you can be liable for civil damages and also be punished by copyright law.

# 1 LPR (License Plate Recognition), Barrier Gate, Display Board



- Provide remote recognition rate correction service
- Show Vehicle Number, Enter/Exit time, and Parking fee information on display board
- 99.99% Recognition rate with AI LPR
- Vehicle discount without a Vehicle-type sensor (Big Data Connection)

# Exit Auto Station



- Calculate Parking fee by inquirying the plate number stored in DB, and Enter/Exit time
- Driver make a payment in the car at the exit
- Pay by credit card, cash, transportation card, Samsung PAY, PAYCO, etc.
- Non-visit and Non-stop PASS for i PARKING
- (→ "Parking Pass" service in parking lots)
- Remote Control feature

# 23 Auto Pay Station



- Checks car number and entry/exit time stored on database to calculate parking fee
- Parking fee is paid in advance and the car can leave at the exit
- Pay by credit card, cash, transportation card, Samsung PAY, PAYCO, etc.
- Non-visit and Non-stop PASS for i PARKING members
- (→ "Parking Pass" service in parking lots)
- Remote Control feature

# 3 Digital Signage



- Possible to show parking lot operation information
- Possible to show notice to residents
- Possible to show advertisement video
- Cloud-based operation enables mobile control
- Notice in parking lot via mobile
- Customer service SNS promotion

# 4 Intercom



- In case of problems and of parking spaces for residents, it is possible to park after checking through intercom
- Connect to i PARKING CS center or parking lot management office

# CCTV



- Monitor vehicles and save images
- It is possible to check the video in case of accident
- Night lighting is possible with the lighting function
- Parking sign can be replaced by P sign

# 6 Hybrid System



- Parking management staff settles charges at the booth
- High quality design (Patent registration)
- Unmanned payment system integration

# Stand alone LPR



- Shoot and read the rear license plate to ensure accuracy of license plate number recognition
- Send a recognized license plate number image screen by being connected to the number management computer via a LAN
- When the detection signal is received from the vehicle detection sensor, it receives the image signal from the number recognition camera and recognizes it



Rear Front

# Next Generation i PARKING Smart Parking Control Solution

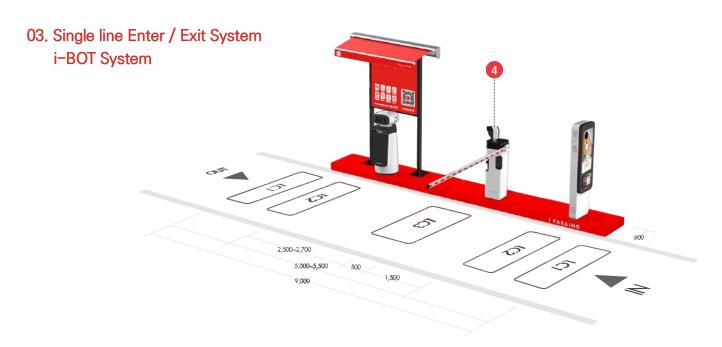
i PARKING's next-generation parking control solution aims to provide customers with future parking service. Mainly through i-BOT providing various parking services with big data-based machine learning technology, we provide advanced next-generation parking control solution to customers.

# 01. Unmanned System + i-BOT



# 02. Next Generation i-BOT Parking System







These products are in the process of design application and registration process according to [Design Protection Act]. In case of unauthorized copying, you can be liable for civil damages and also be punished by copyright law.

# Exit Auto Station Robot



- Calculate Parking fee by inquirying the plate number stored in DB located at the head of the robot and Enter/Exit time
- Can be used as an exit unmanned settlement machine
- Pay by credit card, cash, transportation card, Samsung PAY, PAYCO, etc.
- Non-stop and Non-visit PASS for i PARKING
- (→ "Parking Pass" service in parking lots)
- Remote Control feature
- Advertisement Video Transmission

# Robot KIOSK (Auto pay Station)



- KIOSK which can be paid in advance
- Advertisement video transmission
- Controlled by cloud-based operation
- Pay by credit card, cash, transportation card, Samsung PAY, PAYCO, etc.

# 2 i-BOT (LPR, Signage)



- The LPR located at the eyes of the robot recognizes the plate number and transmits enter/exit time to DB
- Provide remote recognition rate correction service
- Show plate number, Enter/Exit time, and parking payment information on display board
- 99.99% of license plate number recognition rate with AI LPR
- Vehicle discount without a vehicle-type discriminator (Big Data Connection)

# 3 Entry LPR (License Plate Recognition), Barrier Gate



- Entry LPR Barrier Gate
- LPR recognizes the plate number and transmits the plate number and Enter/Exit time to DB
- Provide remote recognition rate correction service
- Vehicle number, entrance/departure time, and charge information on display board
- 99.99% of license plate number recognition rate with AI LPR
- Vehicle discount without a vehicle-type discriminator (Big Data Connection)

# 4 Dual LPR (License Plate Recognition), Barrier Gate



- LPR Control Bar for front/rear shooting as an all-in-one product
- LPR recognizes the plate number and transmits the plate number and Enter/Exit time to DB
- Provide remote recognition rate correction
- Vehicle number, entrance/departure time, and charge information on display board
- 99.99% of license plate number recognition rate with AI LPR
- Vehicle discount without a vehicle-type discriminator (Big Data Connection)

# 4-1 Stand alone Barrier Gate



- Stand alone Barrier Gate
- Automatic opening/closing through loopcoil by interlocking with stand alone License Plate recognition
- Braking function minimizes the vibration of control bar
- Manual opening/closing handle incase of failure
- Up to 3 detectors can be connected

# Stand alone LPR



- Capture Image and read the rear license plate to ensure accuracy of license plate number recognition
- Send a recognized license plate number image by being connected to the computer via a LAN
- When the detection signal is received from the vehicle detection sensor, it receives the image signal from the LPR camera and recognizes it

# CCTV



- Monitor vehicles and save images
- It is possible to check the video in case of accident
- Night lighting with the lighting function
- Parking sign can be replaced by P sign

# i PARKING Smart Kiosk Solution

i PARKING KIOSK solution is a customized solution for your business, which is a KIOSK system that can be applied to various environments such as restaurants, stores, parking lots, and complex shopping malls including parking control systems. The multi-vision format i PARKING KIOSK can provide a variety of services as it can be customized according to business such as advertisement, building information, and restaurant order. In addition, it allows remote control and real-time monitoring, providing customers with stable operation 365 days a year.

# 01. Shop Monitoring



Real-time monitoring



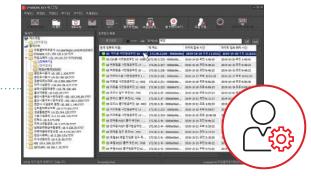
**QnA** Feature

Remote program update

# 02. Remote Control Service



Customer kiosk screen



Site administrator runs the Remote Management Program to enable real-time updates and remote control management

# 03. Additional Revenue Creation



Operated by RCS

Attracting Kiosk external advertising

CRM Marketing based on Big Data



These products are in the process of design application and registration process according to [Design Protection Act]. In case of unauthorized copying, you can be liable for civil damages and also be punished by copyright law.

# Robot KIOSK



- i-BOT KIOSK System, a new model of i PARKING, has a human-friendly KIOSK design
- 11 "touch panel on top face allows customers to order and pay by touch
- Advertising is available on the lower 32" display, enabling additional revenue creation
- Payment can be made with barcode, Mobile NFC payment, and Credit Card (IC Card). The system is capable of remote control and real-time monitoring with the call button
- Advertising can be displayed while stanby through split screen in LCD, enabling additional revenue creation

# Smart KIOSK



- It is equipped with an 18.5" display, and has a wall, stand, and pole type, so it is applicable in various environments
- Simple type KIOSK is a thin type, so it can be installed in various environments
- It is made of a material that is more environmentally friendly than KIOSK of other companies by using external/inner integrated materials. It is equipped with various payment methods such as barcode, Mobile NFC payment, transportation card, Payco and credit card (IC card)
- The system is capable of remote control and real-time monitoring with the call button and hidden camera
- Advertising can be displayed while stanby through split screen in LCD, enabling additional revenue creation

# Wide KIOSK (Wall/Stand/Cash card)



- It is manufactured in 3 option types so that KIOSK can be customized according to environment
- The wall mount type has a bracket on the wall, which makes the design more neat
- The stand/cash card type is thin on the top, and the center of gravity is given to the bottom so that it does not fall easily when the customer touches it, and strong materials are used by integrating external/internal materials
- It is equipped with various payment methods such as barcode, Mobile NFC payment, transportation card, Payco and credit card (IC card)
- The system is capable of remote control and real-time monitoring with the call button and hidden camera
- Advertising can be displayed while stanby through split screen in LCD, enabling additiona revenue creation

### Vehicle Find KIOSK



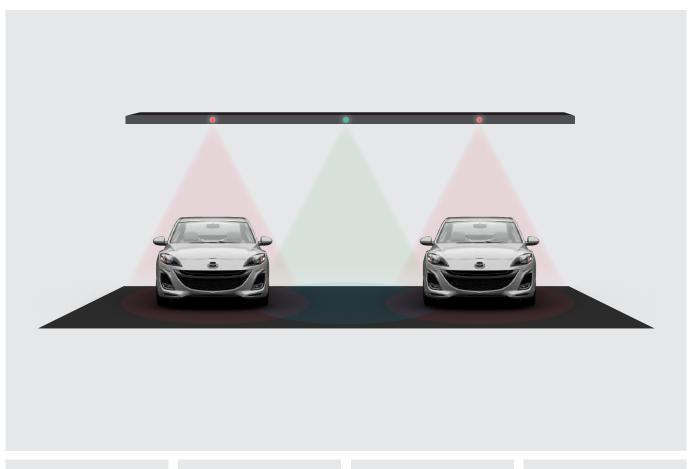
- Provide services for customer convenience by displaying the current location of my car, the location of building information, and the shortest way to my car
- Parking KIOSK displays full license plate and parking location when searching Vehicle
- When using parking KIOSK, if the same plate number is more than two, the entire license plate is displayed, and a photo of each vehicle can be confirmed
- High Candela (cd) display ensures visibility even from the side angle

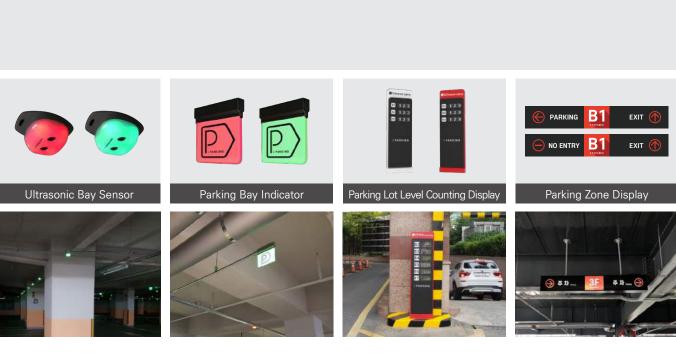
# i PARKING Smart Parking Guidance System Solution

The ultrasonic sensor (ultrasonic guided system) installed in parking lots or the parking bay camera (image guided method) display the full/empty status of parking which enables fast and convenient parking.

# 01. Smart Parking Guidance System - Ultrasonic

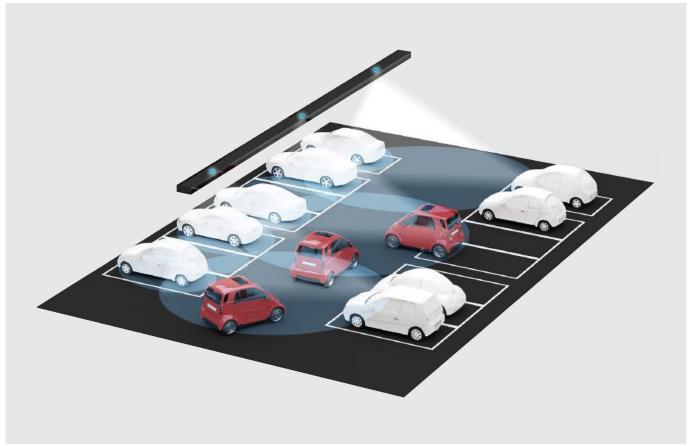
- · A method of detecting the full/empty of parking by installing an ultrasonic sensor on the top of parking bay
- · It exactly detects the parked vehicle and informs the driver of the parking status, and displays the number of available parking spaces on Parking zone display





# 02. Smart Parking Guidance System - Camera Recognition

- · A method of detecting the presence of a parked vehicle by installing a camera that recognizes the vehicle type and automatically count the number of the parked vehicles on the parking lot
- · It is possible to find the location of a vehicle by searching the plate number as well as speepy parking guidance by Interlocked with parking bay indicator and parking lot lovel counting display









Vehicle Find KIOSK





Emergency Call Unit



# i PARKING Smart Parking Application

i PARKING, the nation's first cloud-based parking solution, enables real-time operation and management of parking lots on the mobile, thereby providing smart and transparent parking lot management.



⟨ APP for Drivers ⟩

# 01. Main Feature of i PARKING APP



# Parking PASS (i PARKING Membership)

- Automatic payment enables Non-Stop PASS after registering easy payment card like Hi-Pass
- Paying by QR code or Auto Pay station enables fast Non-Stop PASS after purchasing a parking
- Pleasant parking without waiting time



### Affiliate store information

- Provide affiliated store information inside i PARKING APP
- Create new customers through i PARKING APP



# Mobile Pre-payment (i PARKING Non-Membership)

- It is possible to pay the parking fee in advance by tagging the NFC or QR code
- Support simple mobile payment
- The Cost is saved by not having to install Auto paystation
- Minimize congestion by paying the parking fee in advance



# Parking location find

- Register parking location by tagging NFC or QR code
- Display the location registered in advance when Exit
- Reduced costs by eliminating the need for expensive Vehicle Find KIOSK



# Parking Lot Search

- Search a parking lot by the destination or area
- Select a parking lot by distance or cost option



# Parking lot PASS goods purchase

- Buy time, daily or monthly pass
- Check parking pass purchase history
- Sell discount parking passes up to 80% off



### Navigation to Parking Lot

- Route search by connecting with GPS (Navigation)
- T map, Hyundai Mappy, Kakao Navi, One Navi



# Mobile parking ticket issuance

- Automatic issuance of mobile parking tickets on APP when entering the parking lot
- Check real-time parking fee and parking time
- The fast exit is possible after the pre-payment without making a stop
- New alternative of ticketless parking lots



# Membership point alliance

- it is possible to use the alliance membership points
- Linked with Various Partners like Blue members, Red members, L.point, GS&POINT, Shinhan Point, Samsung Point, etc.



# Affiliate Parking lot PASS and Valet Parking product purchase

- It is possible to buy i PARKING zone and other parking lot products
- Purchase parking lot products with valet parking service





⟨ Parking lot Management APP & WEB ⟩

# I PARKING



⟨ Partner Stores APP & WEB ⟩

### 02. Main Feature of i PARKING CEO



### Real-time parking lot status

- Real-time revenue management of parking lot and status of entry & exit of Vehicles
- Transparent and precise revenue management based on electronic payment
- Statistical analysis of revenue and users
- Reduction of management cost through efficient man agement system of parking lot



# **Parking Lot Statistics Report**

- Provision of statistical report of parking lot daily/weekly/ monthly
- Proposal of efficient parking products and operation plans based on internal and external data
- Advising systematic parking operation plans based on expertise of previous business



### Parking lot Smart management

- Parking lot management of discount coupons and crossing gates (opening & closing) based on mobile phone anytime anywhere
- General management of parking lot in operation with only one ID



# Parking discount PASS sales

- Parking discount tickets can be sold at affiliated stores
- Creates revenue from selling parking discount tickets

# APT/Office parking lot sharing management



# Check and manage vehicle's entry/exit status

- Real-time check of entry/exit status
- Reduced management points
- Strengthened security in apartment buildings



### Visitor's vehicle management and control

- Only cars previously registered can enter without stop
- Reduction of management points
- Check entry/exit history of the visiting vehicle

# 03. Main Feature of i PARKING MEMBERS



# Online parking fee discount

- Resolve inconveniences of purchasing and managing parking discount tickets
- Discount parking fee with one click after searching for the license plate number



### Discount for i PARKING MEMBERS

- Discount is given to customers visiting the store in advance through i PARKING MEMBERS
- Discount parking fee with one click after searching for the license plate number
- Resolve inconveniences of purchasing and managing parking. discount tickets
- Maximize convenience by purchasing a parking discount ticket on mobile



# Discount PASS purchase history management

- Easily search discount ticket purchases by date
- Re-purchase and cancel payment with one click
- It is possible to identify the discounts on parking costs transparently and accurately



# Visitor Parking PASS mobile ticketing

- Secure promotional channels by sending mobile invitation cards to visitors and VIP
- Navigation guidance to the reserved parking lot
- Arrival message notification to administrator when the visitor arrives

# i PARKING Smart Parking Management Solution

# 01. Integrated Management System i PARKING IPMS

- Parking lot integrated management program
- Membership management, season pass management, payment/ discount management, sales / settlement management, statistics
- Integrated management of many different parking lots available
- Integrated parking management program based on Cloud platform WEB



# 02. Parking lot real time management program i PARKING CS

- Parking lot real time monitoring
- Check the entry/exit status
- Manually modify vehicle information and register entry/exit
- Integrated parking control program based on Cloud platform WEB
- Parking lot Manager can correct unrecognized vehicles
- Consignment of call center business is possible



### 03. On-Street management app i PARKING STREET

- It is equipped with license plate recognition function in mobile smartphone
- Unpaid history can be searched by license plate number
- Inquiry and management of season pass and free pass is possible
- Daily sales and revenue report can be printed
- Automatically read the license plate number with the entry image
- Applicable to parking lots where devices cannot be installed
- Real time parking information can be provided and managed in connection with i PARKING MEMBERS (Parking discount) + i PARKING CEO (Parking management)



# 04. Manned Parking fee settlement program i PARKING MPS

- Entry exit status and sales information can be checked at once
- Fee discount applicable
- Offer automatic reduction of small cars .... Using BIG DATA and low pollution cars using big data
- Classify vehicles only by license plate number recognition (Small car discriminator unnecessary)
- Shortcuts can be changed to the desired key
- One program can control different entrances and exits
- VIP vehicle and blacklist vehicle alarm function
- Discount is given through i PARKING application



# 05. Unmanned Parking fee settlement program i PARKING APS

- Parking fee can be settled automatically at the unmanned fee settlement device located at the exit of the parking lot
- Commuter pass payment available
- Various payment method (Mobile simple payment, etc.)
- Discounts such as discount tickets and receipts are available
- Support remote resets for fault response
- Multilingual support (English, Chinese)
- Support 'Find my car' and 'Traffic information' functions



# 06. CLOUD AI LPR Service

- Al automatically corrects and updates unrecognized / false license plate number (Previous: Not Provided or manual correction after visual inspection)
- 100% recognition rate can be achieved
- Perform the recognition rate automatic update through the deep learning
- Continuous recognition rate improvement through data enhancement technology
- Maintain the best recognition environment through Al based parking lot environment analysis (P Score)
- Temporary license plate and diplomatic vehicle license plate can be recognized



a person to distinguish by the naked eye, Al can correct it accurately

# i PARKING's Unique Services

i PARKING provides uncomparable services which are not available in other companies.

# 01. i PARKING Easy Settlement Service







Real-time payment review of information transaction (i PARKING CEO sales report)



Issue of monthly sales report of parking lots



Payback Daily / Monthly settlement to parking lot owner

# 02. Advantages of PARKING CLOUD service

Provision of diverse payment methods services (On-site card payment, E-Wallet payment, QR code payment)

- Reduce workload by operating sales settlement service of Parking Cloud
- Precise and transparent management of sales through electronic payment methods
- Deliver of monthly balance report to the Parking lot owner
- Providing Backdata (Excel) enables to review sales details record and convenient management
- Convenient accounting (one statement per month)
- Provide reports of customer complaint and response from Call Center



# 03. Continuous parking management with assigned manager

After installatikon of the i PARKING system, we provide services of management before and after installation through our assigned manager, training regarding "Quality Customer Service", solution upgrade, regular maintenance



# Successful solutions implementation

Enable stable operation through assigned staff after solution implementation



# Constant management

Constant management by upgrading solutions with no cost



# Smooth operation

Regular inspection of maintenance services in case of problem occurrence inspection and maintenance

# 04. i PARKING 24 hours CS Center



Real-time Customer services 24 hours a day, 365 days a year at Korea's largest Parking System CS Center



- Operates 3 integrated control centers and nationwide A/S Network
- Integrated management of about 2,500 public and private Parking Lot throughout the Country
- Real-time trouble shooting of all complaints occurred in the parking lots
- Instant failure recovery based on remote supports 24 hours
- Automatic real-time Calibration of plate number with i PARKING's unique Al Technology
- Placement of attention personnel trained by regular CS training programs and system education
- No additional implementation costs by adapting Cloud Platform
- Reduced workload of parking lot management helps efficient operation

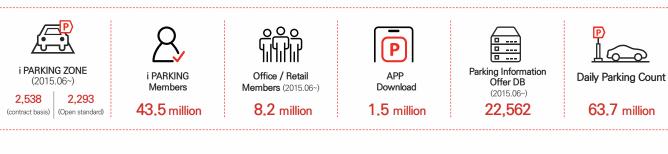
# 05. Achieved and Pass of the Certificate of Information Security Management System (ISO/IEC 27001, the World's first and only in the Parking Industry)

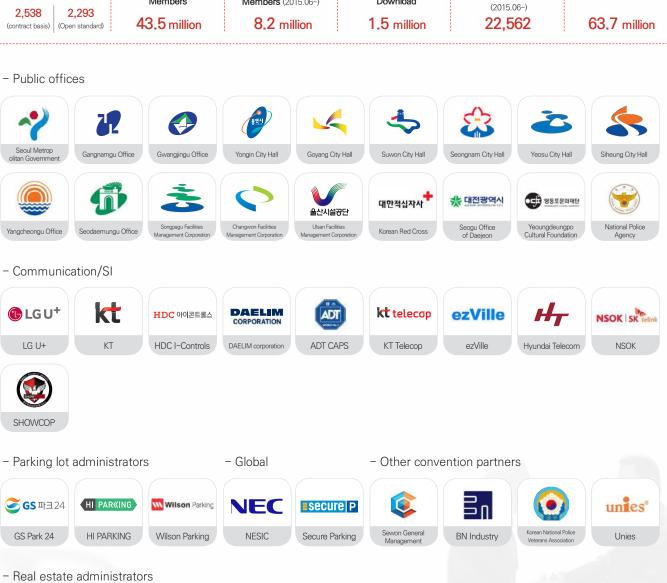


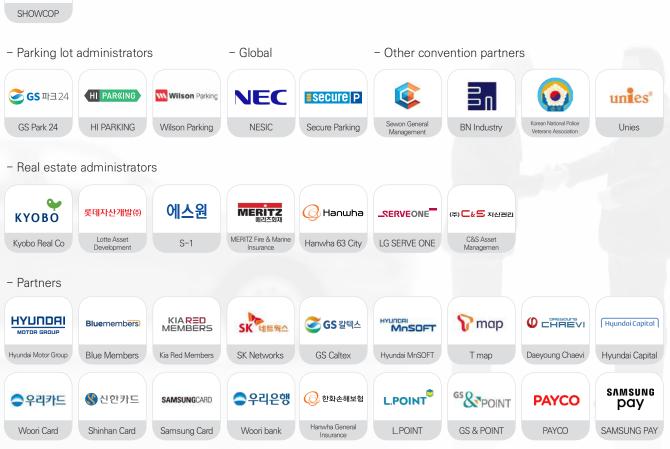
- Obtainment of Certificate of Information Security Management System (ISO/IEC 27001), on December 21 of 2017
- · Improvement of Practical information security level through elaboration of information security risk management
- · Prevention of failure and minimization of impact level
- · Improvement of trust in customers/partners based on objective assessment
- · Independent and objective verification from the third party regarding accordance with international standards of information security (ISO/EC27001)
- · Steady improvement of information security level of an organization and verification of stability through certification
- · Improvement of suitability of legal and agreement requirements regarding information security
- · Reinforcement of business competitiveness by improving customer reliability based on compliance with international standards

# i PARKING's Major References and Customers

As of February 2020







# ----- [ Integrated Control Centers ]



- · Integrated management of 21 sites under the unmanned system
- · Integrated management of 6 on-street public parking lots
- · Remote response to complaints/remote control/failure recovery
- · Web-based control/integrated management



- · Integrated management of 44 sites under the unmanned system
- · Remote response to complaints/remote control/failure recovery
- · Web-based control/integrated management
- · Traffic information



- · Integrated management of 18 sites under the unmanned system
- · Integrated management of 33 on-street public parking lots
- · Remote response to complaints/remote control/failure recovery





















- Integrated public parking lot for 51 places in Seonanam
- Integrated public parking lot for 51 places in Gangnamqu
- Integrated public parking lot for 45 places in Goyang
- Integrated public parking lot for 10 places in Cheonan - Integrated public parking lot for 9 places in
- Songpagu - Integrated public parking lot for 5 places in
- Namyangju - Integrated public parking lot for 27 places in
- Daegu
- Integrated public parking lot for 17 places in
- Busans tation (Busan)
- Suwon public parking lot (Suwon, Gyeonggi)
- Pungnap public parking lot (Songpa, Seoul)

- Integrated 6 Meritz Fire buildings nationwide
- Integrated 12KT estate buildings nationwide
- Hana Bank office building (Seocho, Seoul)
- KBS office building (Yeonadeunapo, Seoul)
- TS Corporation office building (Songpa, Seoul)
- Geumgang Penterium (Anyang, Gyeonggi)
- Korea Institute of Registered Architects (Seocho, Seoul)
- Korean Banking Institute (Jongno, Seoul)
- Korean Red Cross Society (Jung-gu, Seoul)
- Hyundai Marine office building (Gangnam, Ulsan)
- Kiturami energy office building (Guro, Seoul)

- Cheongdam XI apartment (Gangnam, Seoul)
- Provence village (Paju, Gyeonggi)
- Star City Building (Mokpo, Jeonnam)
- Center Plaza (Hwaseong, Gyeonggi) - Marine Park (Haeundae, Busan)
- Jukjeon Nurietteul (Yongin, Gyeonggi)
- Seocho Majesta City (Seocho, Seoul)
- Sangam Ian Officetel 1 Chya, 2 Cha (Mapo, Seoul)
- Seolleuna SK Herb Officetel (Gangnam, Seoul)
- Gwanggyo 2nd Prugio City (Yongin, Gyeonggi)
- Bangbae Acro Tower (Seocho, Seoul)

- Yeongdeungpo Times Square (Yeongdeungpo, Seoul)
- Yeouido IFC Mall (Yeongdeungpo, Seoul)
- Integrated 50 E-land retail locations
- Gangbyeon Techno Mart (Gwangjin, Seoul)
- Sindorim Techno Mart (Guro, Seoul) - Mesenapolis (Mapo, Seoul)
- Ilsan KINTEX (Goyang, Gyeonggi)
- Seoul Museum of Art (Jung-gu, Seoul)
- Gveonaai-do Culture Center (Suvvon, Gveonaai)
- Daelim Museum of Art (Yongsan , Seoul)
- Dongseong-ro Taewang Spark (Jung-gu, Daegu)

- Gangnam Severance Hospital (Gangnam, Seoul)
- Catholic University of Korea Bucheon St. Mary's Hospital (Bucheon, Gyeonggi)
- Gangdong Kyunghee University Hospital (Gangdong, Seoul)
- Chonnam National University Hospital (Dong-gu, Gwangju)
- National Police Hospital (Songpa, Seoul) - Good Morning Hospital (Bukgu, Gwangju)
- Cheil Women's Hospital (Namgu, Incheon)
- Daejeon Sunhospital (Jung-gu, Daejeon)

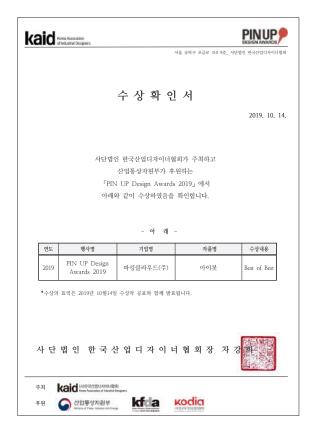
- The Plaza Hotel (Jung-gu, Seoul)
- Belle-essence Hotel (Gangnam, Seoul)
- Lotte Hotel (Jeju)
- Yeongjongdo Paradise Hotel (Jung-gu, Incheon)
- KMJ Brown Dot Hotel (Jingu, Busan)
- New Hilltop Hotel (Gangnam, Seoul)
- Fraser Place Central (Jung-gu, Seoul) - Utop Ubless Hotel (Jeju)

- Full Gospel Church (Yeongdeungpo, Seoul)
- Hankuk University of Foreign Studies (Yongin, Gyeonggi)
- Pohang University of Technology (Pohang, Gyeongbuk)
- Seoyoung University (Buk-gu, Gwangju)
- Dunsan Campus of Daejeon University (Seo -gu,
- Seoul Sports High School (Songpa, Seoul)
- Seoul Huam Elementary School (Yongsan, Seoul)

- Ace High-end Tower 2 Cha (Guro, Seoul)
- Kolon Digital Tower Villant (Guro, Seoul)
- G+Kolon Digital Tower (Guro, Seoul)
- Daervung Post Tower 1 Cha (Guro, Seoul)
- Guro Hanwha Biz Metro (Guro, Seoul) - Byeoksan Digital Valley (Yeongdeungpo, Seoul)
- Sunil Technopia (Seongnam, Gyeonggi)
- Seongho Middle School (Ansan, Gyeonggi)

# i PARKING's Award and Certificate

# Awards



Bot PIN UP DESIGN AWARD Best Of Best 100 received



ASIA DESIGN PRIZE 2019 WINNER AWARD Parking Product



Smart License Plate Number Reader Good Design Award received



ASIA DESIGN PRIZE 2019 WINNER AWARD Parking Product i-BOT

# i PARKING's Award and Certificate

# **Trademark registration & Patent**



i-BOT Trademark Registration



**PCT Patent Cooperation Treaty** 



Certificate of a Patent for Parking Facility Management Method and Portable Terminal and Parking Facility Management System



Performance Certificate for the Integrated



Test report of New License Plate Recognition Rate from Road Traffic Authority



GS Certificate for Parking Control Integrated Management System Ver1.2 (1st class)



GS Certificate for Parking Control Integrated Management System Ver1.9 (1st class)



The World's first ISO 27001 In formation Security Management System Certificate



ISO 9001 Quality Management System Certificate



K Mark Certificate



Supplier Compliance Confirmation Report



# i PARKING

### Seoul Headquarters

1-2F, 19, Yeongdeungpo-ro 3-gil, Yeongdeungpo-gu, Seoul, Republic of Korea 07276 T. +82-2-6328-6543 F. +82-2-6328-6544 smartparking.iparking.co.kr/en/

### Research Center

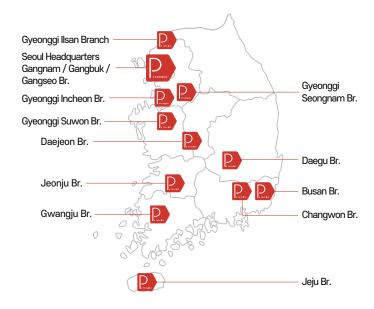
2F, 19, Yeongdeungpo-ro 3-gil, Yeongdeungpo-gu, Seoul, Republic of Korea 07276 T. +82-2-6328-6543 F. +82-2-6328-6544

### **Factory**

140, Guil-ro 8-gil, Guro-gu, Seoul, Republic of Korea 08323 T. +82-2-6328-6543 F. +82-2-6328-6544



### **i PARKING MAP**



# Inquiries about i PARKING services

+82-1588-5783

# Gangnam Branch

603–604, 6F, 254, Seochodaero, Seochogu, Seoul, Republic of Korea 06647 (Opulence Building, Seochodong) T. +82–1588-5783

### **Gangbuk Branch**

607, 38, Seosomun-ro, Junggu, Seoul, Republic of Korea 04505 (Central Tower, Jungnim-dong) T. +82-1588-5783

### Gangseo Branch

1503, 15F, A-dong, 32, Digital-ro 9-gil, Geumcheon-gu, Seoul, Republic of Korea 08512 (Gap-Great Valley, Gasan-dong) T. +82-1588-5783

### Gyeonggi Ilsan Branch

818, 1-dong, 24, Jeongbalsan-ro, Ilsan Dong-gu, Goyang, Gyeonggido Republic of Korea 10403 (Western Tower, Janghang-dong) T.+82-70-4416-7878 F.+82-31-903-0067

### Gyeonggi Seongnam Branch

205-207, 1-dong, 22, Wireseoil-ro, Sujeong-gu, Seongnam, Gyeonggido Republic of Korea 13647 (Samramadas, Dohwa-dong) T. +82-1588-5783

### Gyeonggi Incheon Branch

212, 31, Jeil-ro, Michuhol-gu, Incheon, Republic of Korea 22138 (Hakik World Tower, Hakik World Tower) T. +82-1588-5783

### Gyeonggi Suwon Branch

419,17, Daehak 4-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea 16226 (Ace Gwanggyo Tower1, luidong)
T. +82-31-216-9492 F. +82-31-216-9493

### **Daejeon Branch**

1F, 825, Gyeryong-ro, Junggu, Daejeon, Republic of Korea 34856 (Hiyoung Building) T. +82-1588-5783

### Daegu Branch

4F, 82, Dongbu-ro 22-gil, Dong-gu, Daegu, Republic of Korea 41250 (Myeongmun Building, Sincheondong)
T. +82-53-754-2100 F. +82-53-754-2700

### Gwangju Branch

402, 69, Imbangul-daero 826beon-gil, Gwangsan-gu, Gwangju, Republic of Korea 62279 (Daewon Building, Ssangam-dong) T. +82-70-4908-0930 F. +82-62-515-0932

### Jeonju Branch

501-502, 151, Anjeon-ro, Iseo-myeon, Wanju-Gun, Jeollabuk-do, Republic of Korea 55365 (Galsan-ri, Daesan Building) T. +82-1588-5783

# Busan Branch

1105-1107, 21, Centum 6-ro, Haeundae-gu, Busan, Republic of Korea 48059 (Intellium Centum, Udong) T. +82-1588-5783

### **Changwon Branch**

B1F, 25, Madimi-ro 73beon-gil, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Republic of Korea 51503 (Sinujucha Building, Sangnam-dong)
T. +82-55-275-8287 F. +82-55-275-8287

### Jeju Branch

4F, 5, Nohyeong 3-gil, Jeju-si, Jeju-do, Republic of Korea 63014 (Nohyeong-dong) T. +82-1588-5783

# i PARKING