PMS

Parking Management System

Dahua Technology

CONTENTS

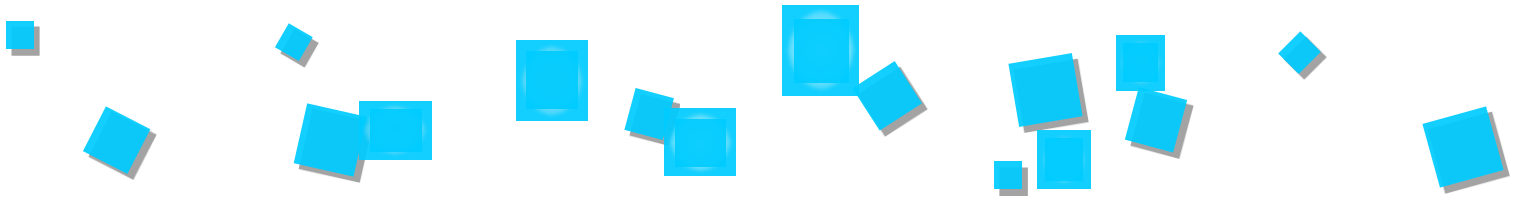
01 Overview

02 Highlights

03 Developing

04 Products

01 Product Overview



Application Scenario

Airport / Harbor

Industrial Parks

Commerce

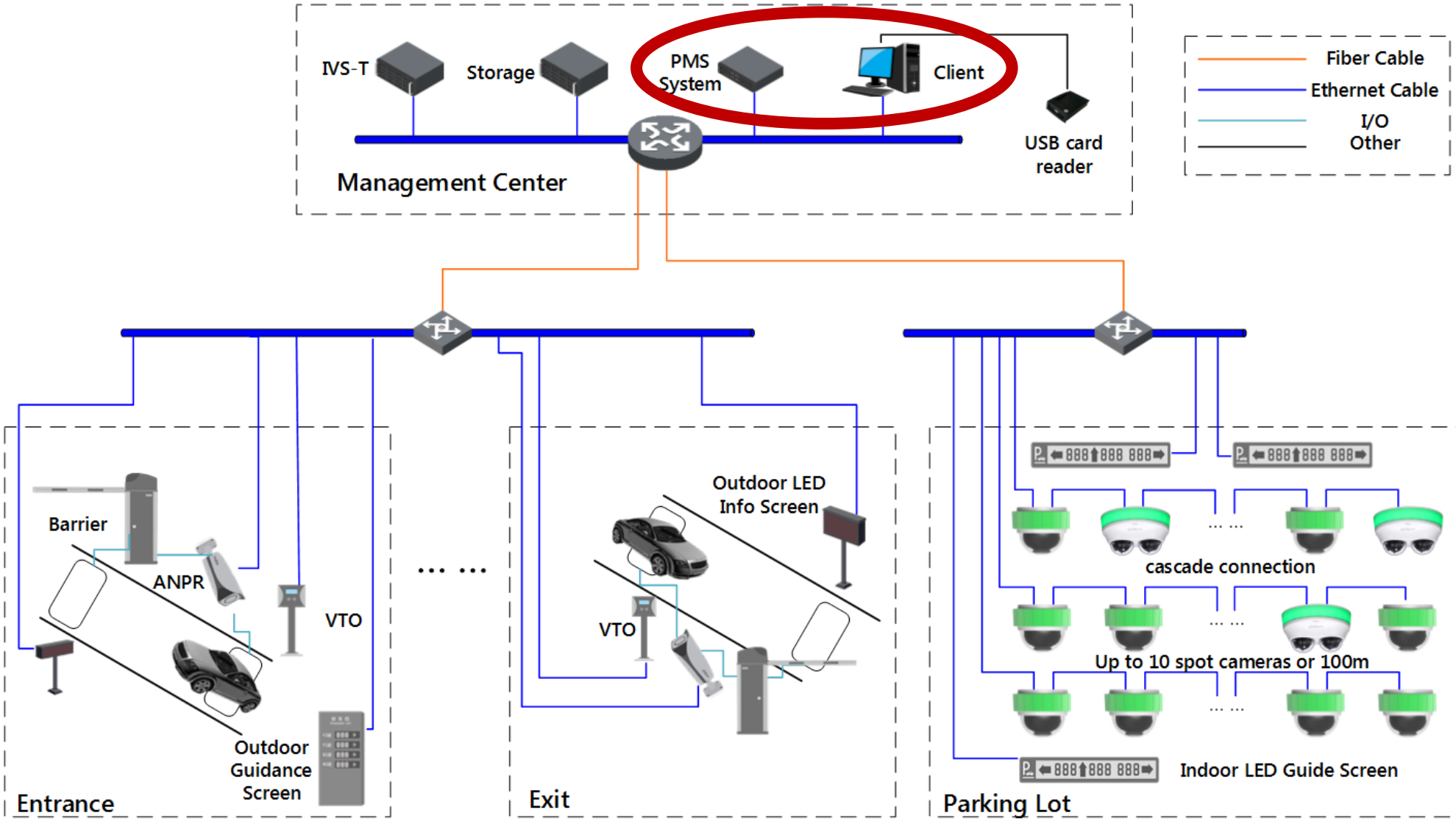
Gas Station

Department Tore

Residence

Overview

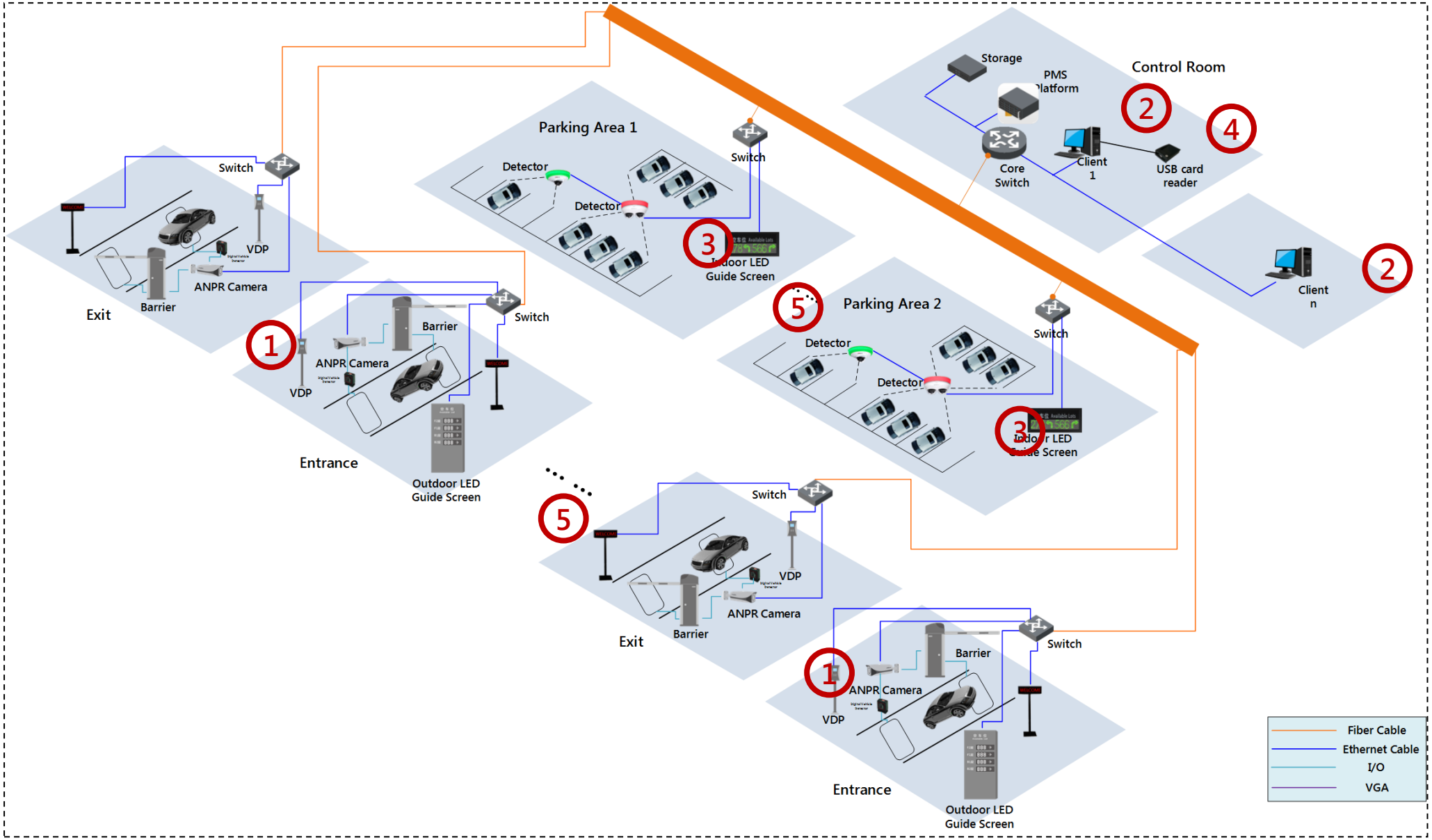
System Topology



System layout

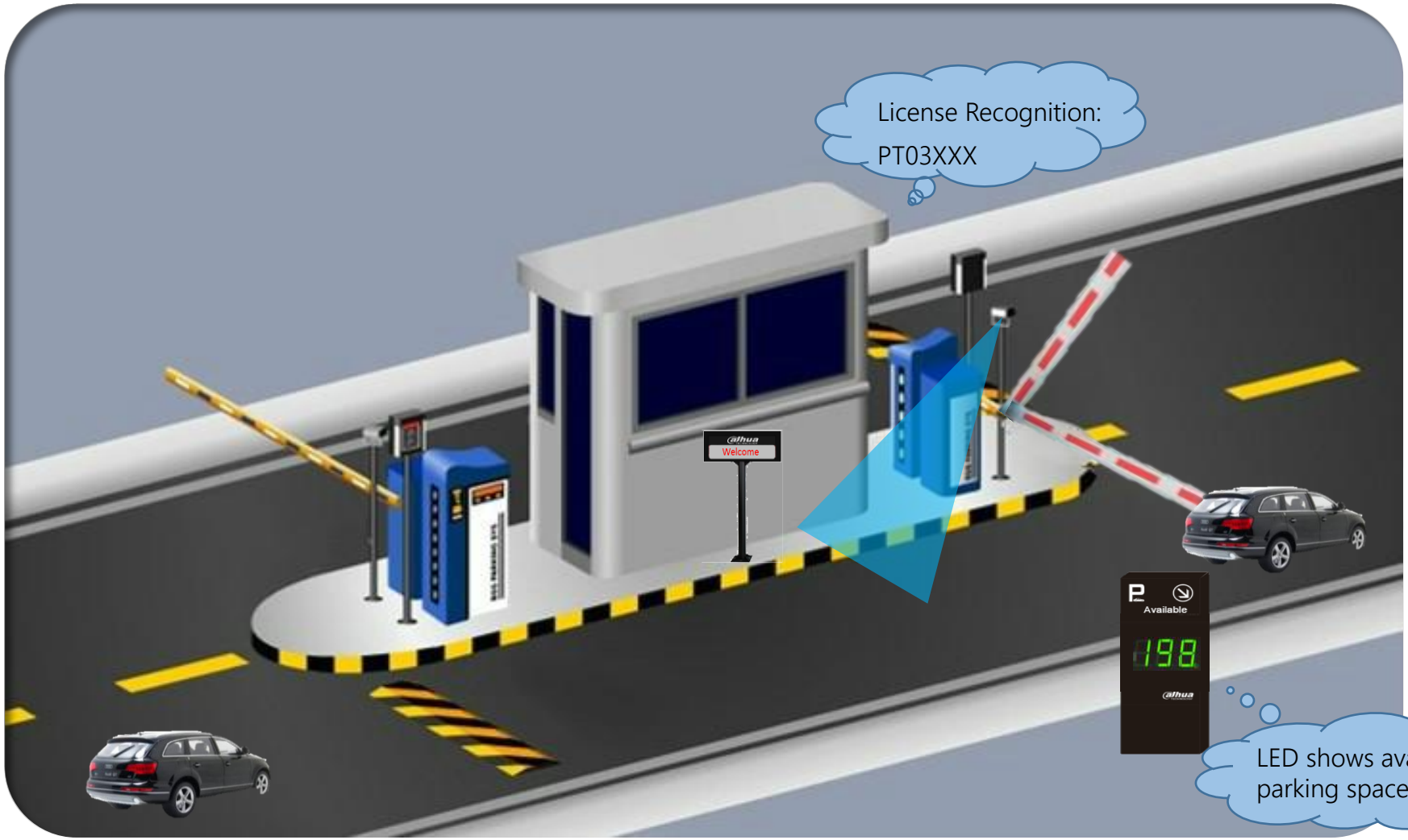
1. Entrance/Exit management
2. surveillance management
3. guide management
4. Card/Owner management
5. Parking lot management

... ...



Entrance Scenario

Smart Entrance



Vehicle Approach

↓

Capture and snapshot

↓

License Plate Recognition

↓

Open barrier and update info to platform

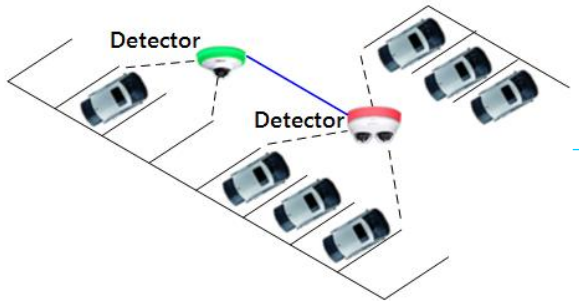
↓

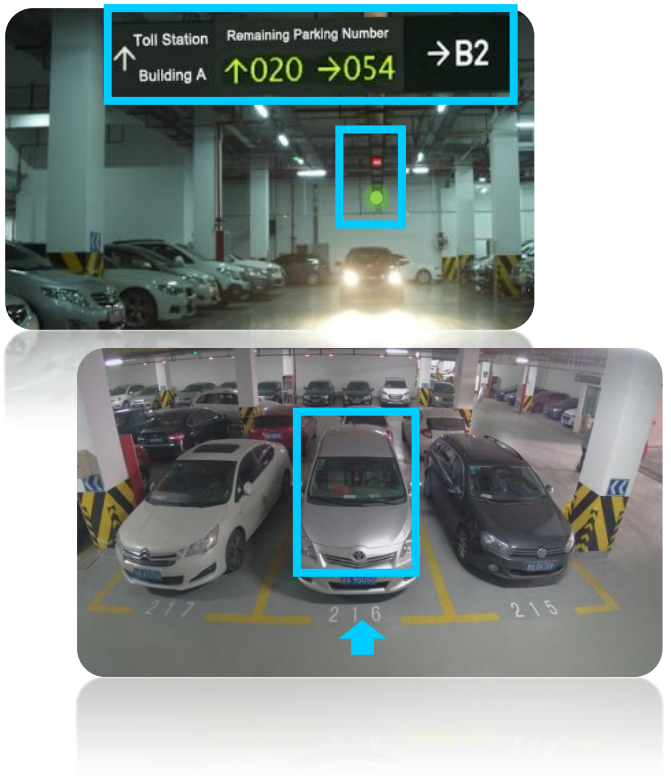
Vehicle Entry

Entrance by VDP

- Visitor come
- One-key to call center
- 2-way audio talk
- Open the barrier remotely
- Vehicle Entry

Parking Guidance





Guidance Screen

Show the number of available parking space in each direction, indicate the driver to the available zone.

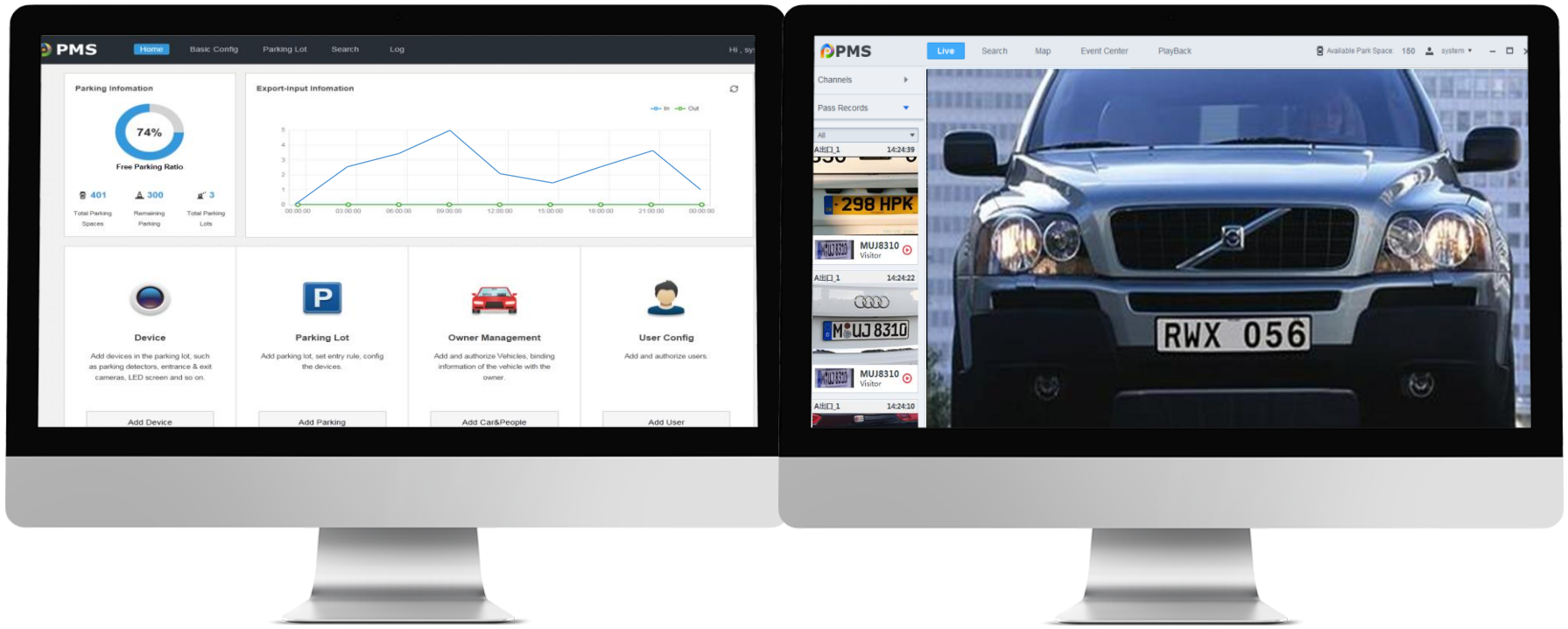
Spot Detector

Detection camera will tell you if the parking spot is occupied or not. Integrated seven color indication light could show different kinds of parking space and statue

ANPR

License plate is recognized by IVS server **or** spot detector automatically identify the current parking space of the license plate

Center management



- **Comprehensive Surveillance:** Real-time video, image preview and playback
- **Abnormal Handling:** Response to visitor or emergency call by VTO
- **Remote Management:** Modify the vehicle information remotely. Control the barrier remotely.
- **Information Display:** Space status, Vehicle plate and picture, entry & exit history log, videos, and etc.,

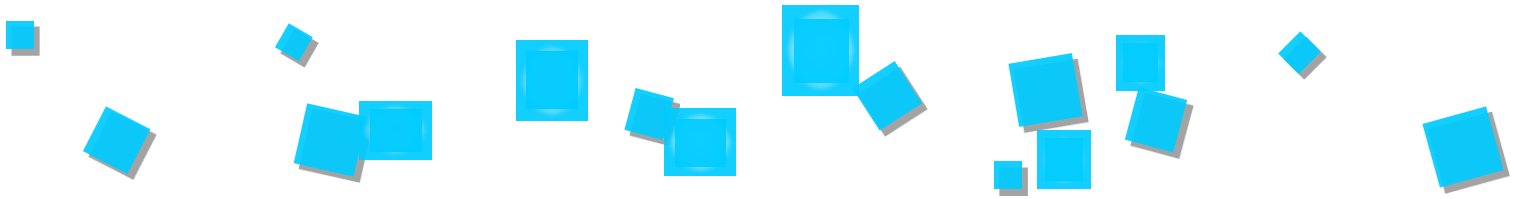
INFORMATION DISPLAY

Including the vehicle picture, license plate number, entry & exit history log, Real-time surveillance video in the platform.

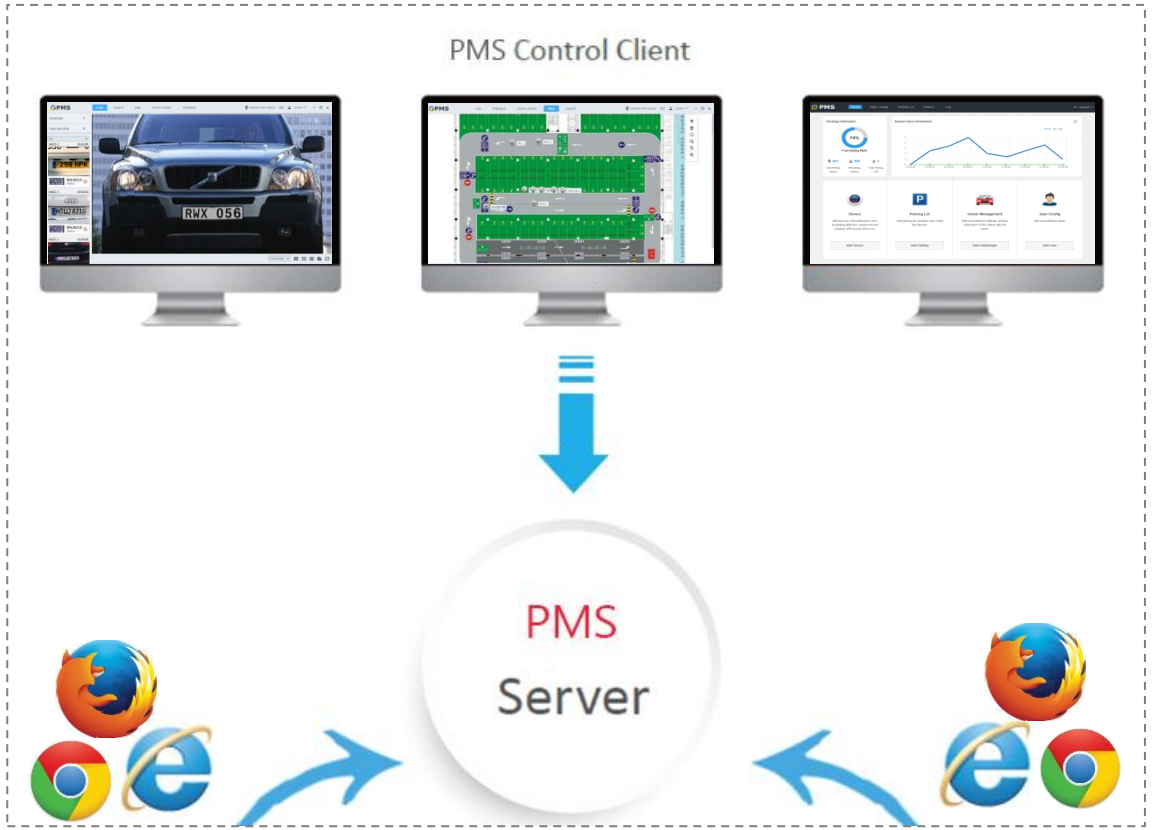
Manual Control

The administrator can control the barrier and modify the status of ANPR when emergency is triggered, put video and related information on the wall.

02 Highlights



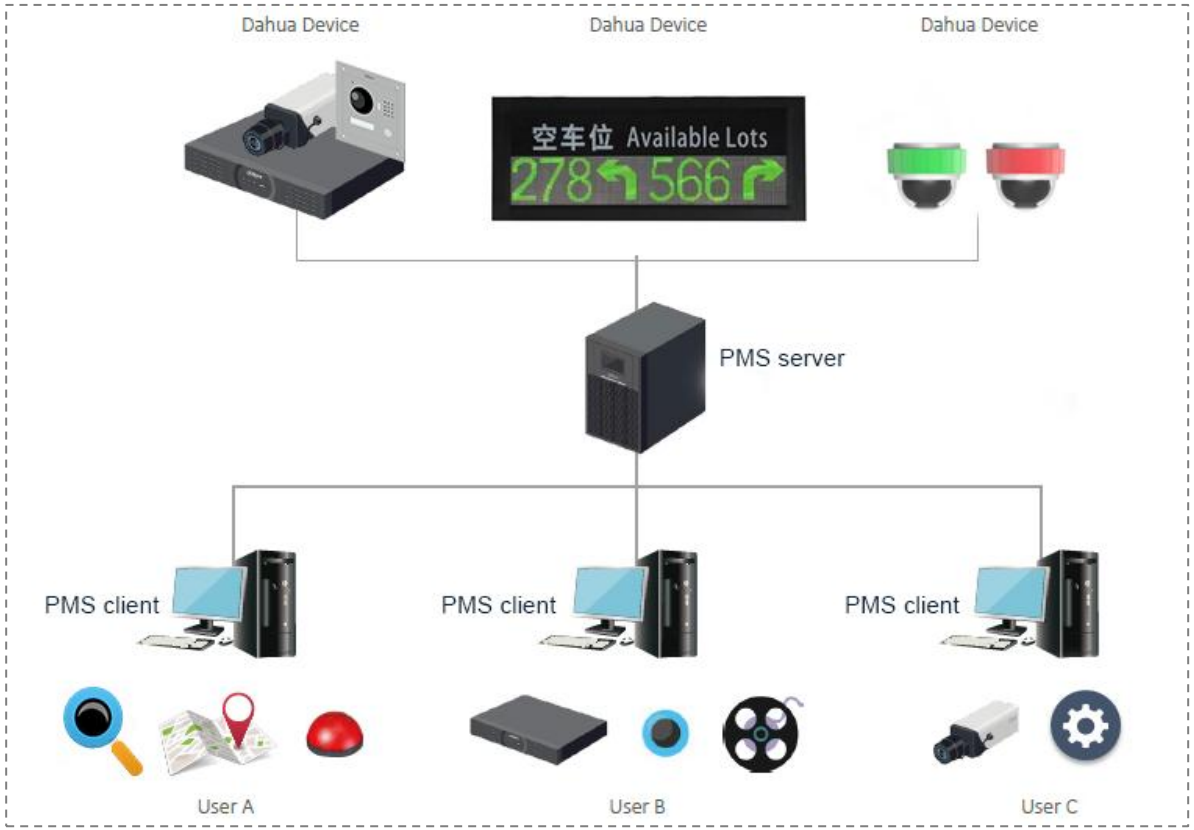
C/S Architecture



C/S Architecture

Support 200 online user from different PC . All users share the one database

User rights



User rights

Administrators can assign different rights to users , such as, live, alarm, playback, E-map…

E-map Guide

Search parking records

Parking record

Free space

Plate information

Spot detector

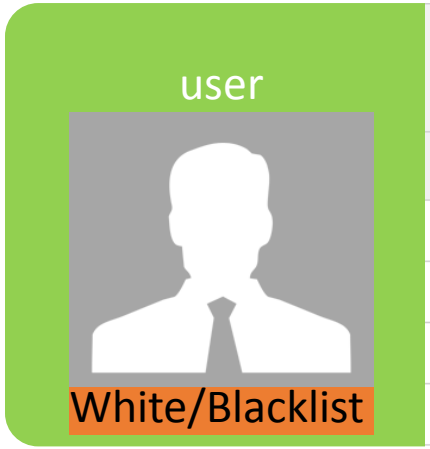
Guide screen

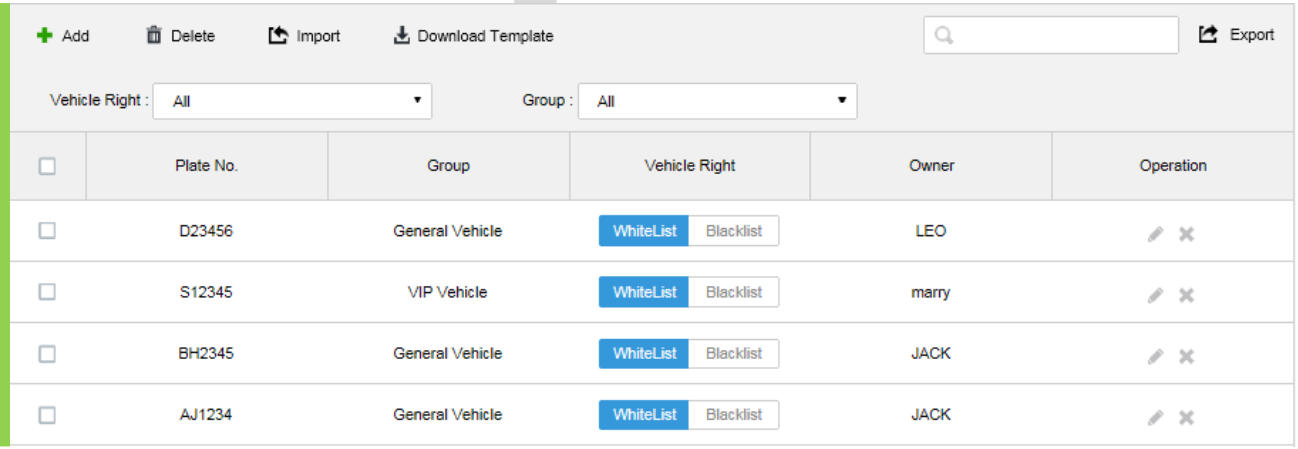
IPC

Card and Owner management

Card management

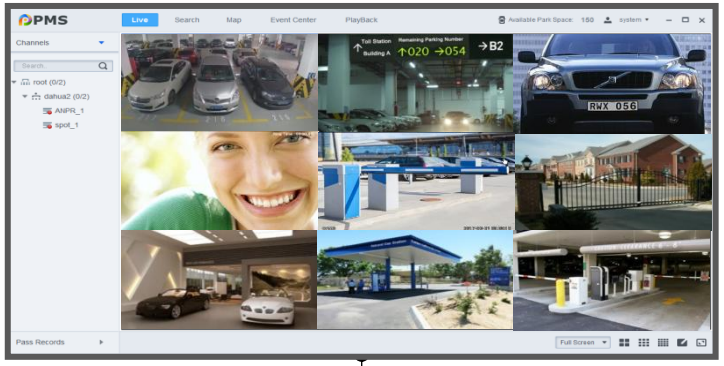
Owner management





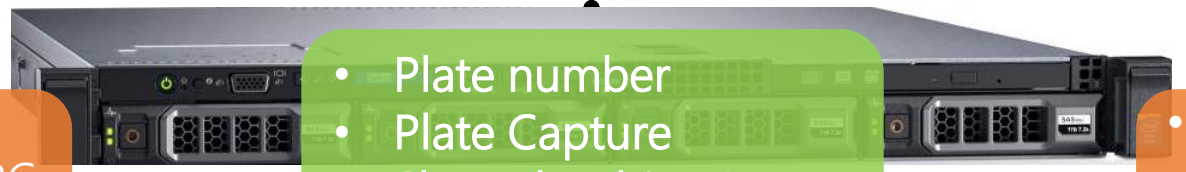
Live and Playback

Live view all the video



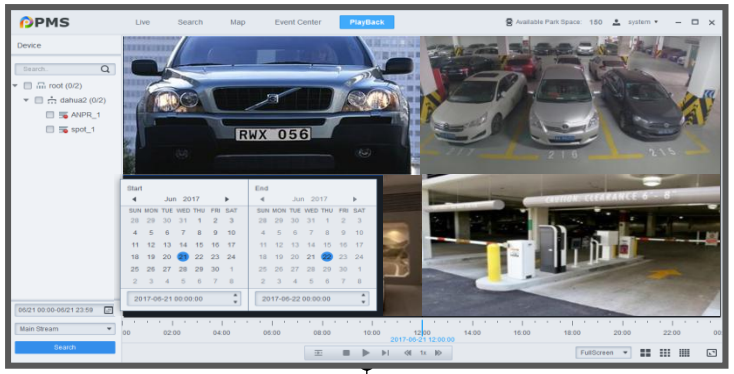
- Device tree include NVR/spot detector/VTO/ITC/IPC
- Support video pop up by alarm event

Live view entry/exit



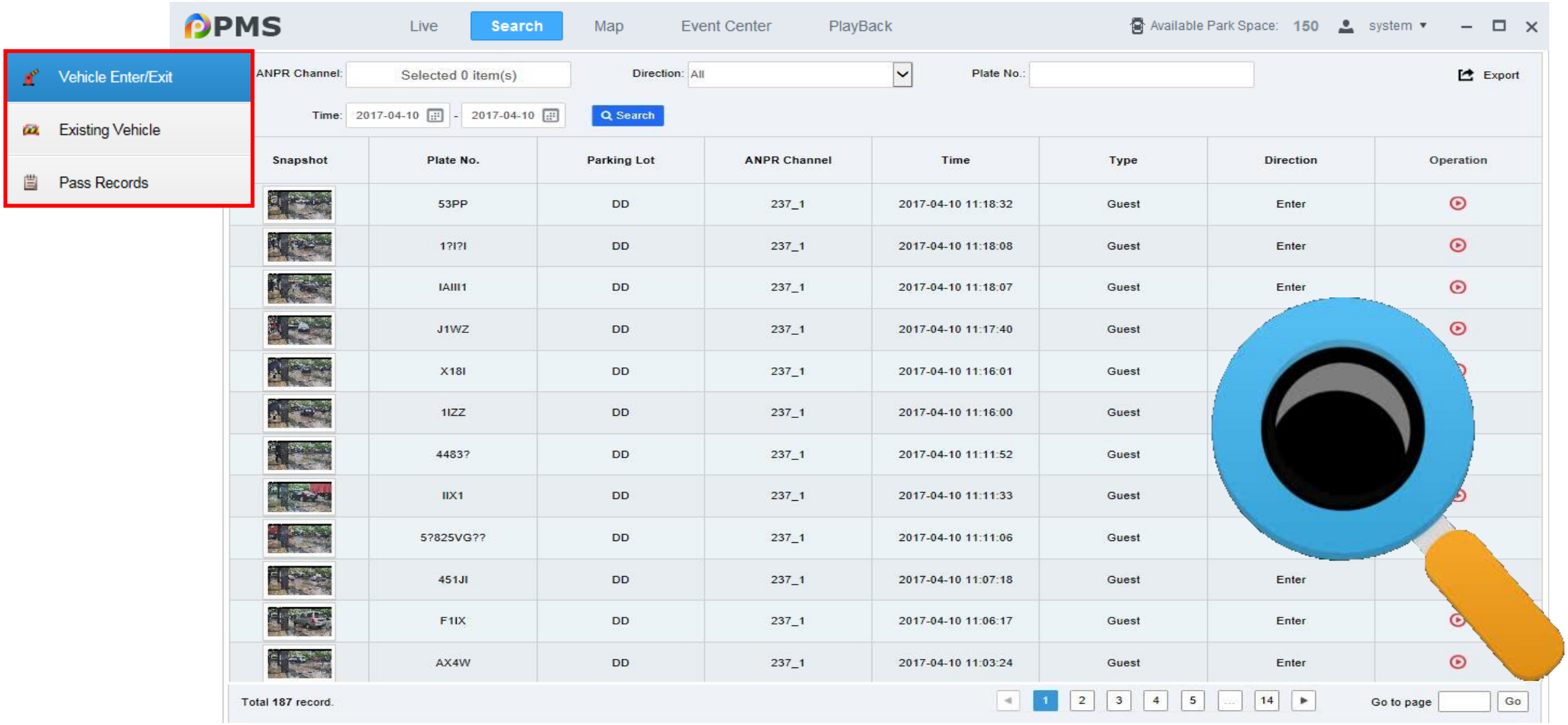
- Plate number
- Plate Capture
- Show the driver's group. Visitor or VIP?

Playback the cares

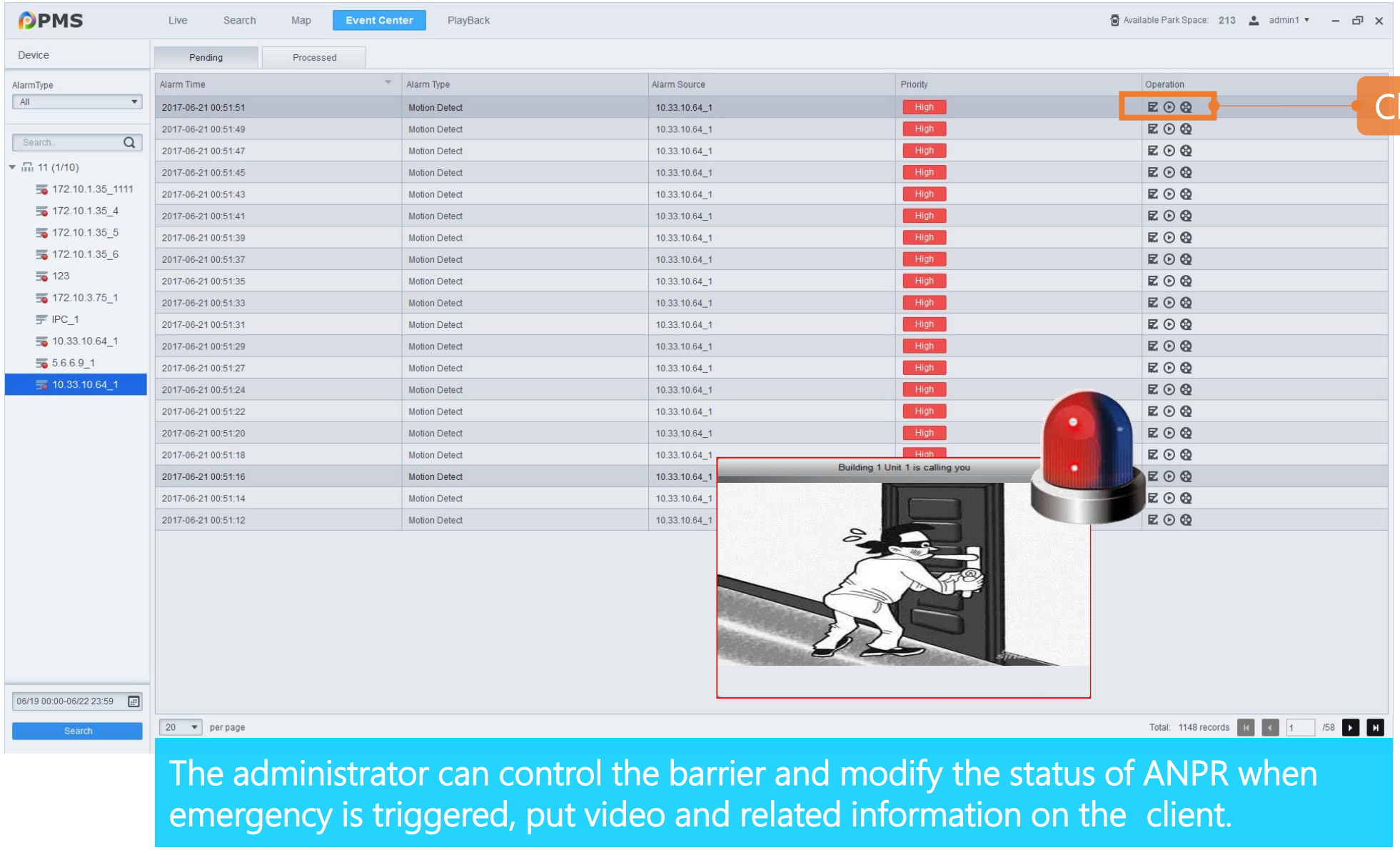


- Device tree include NVR/EVS
- Search/Download/Play by channels and time
- Support event records

Records and search



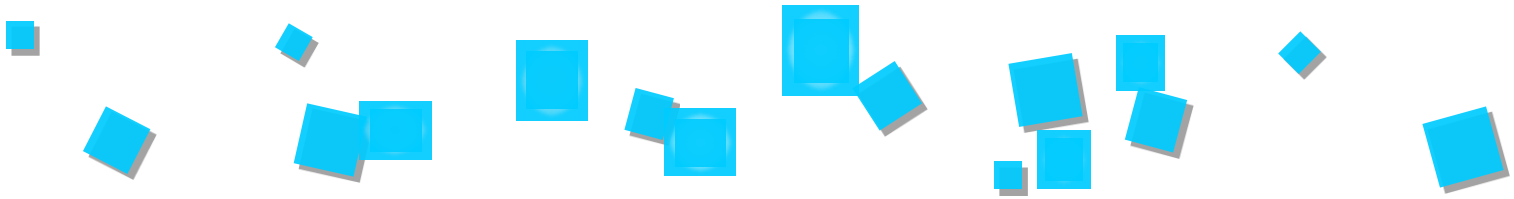
Event management



Check /Live view/Playback

The administrator can control the barrier and modify the status of ANPR when emergency is triggered, put video and related information on the client.

04 Developing



Parking space for VIP

Reservation services

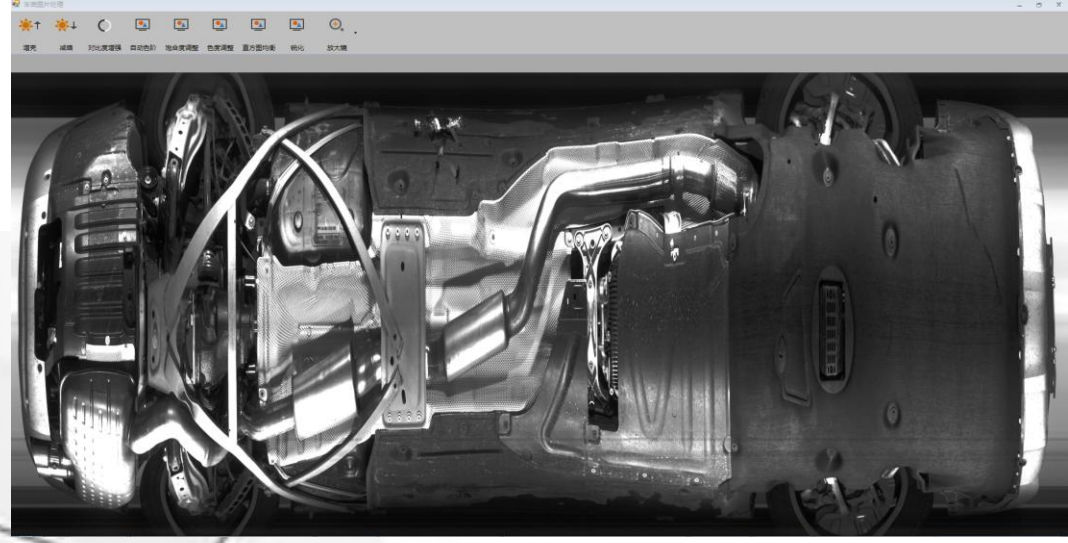
Provide reservation interface or protocol to third-part platform. Customers can reserve a private parking space or choose the nearest parking space to the elevator

Illegal Occupation Warning

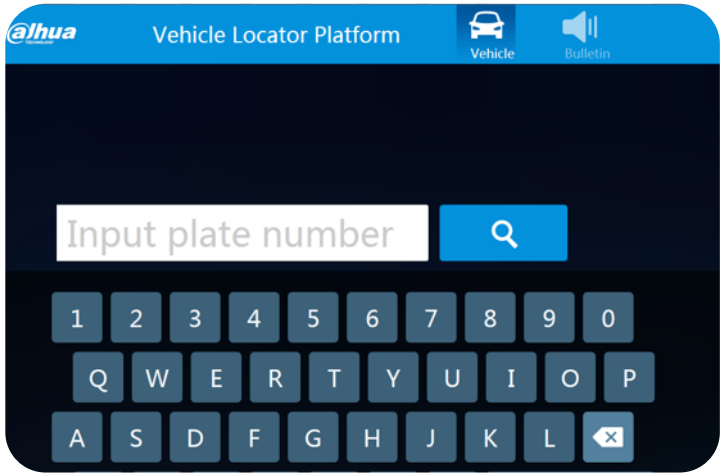
If reserved or special parking place is occupied illegally, there would be a warning for the administrator, and real-time video preview could display automatically. The administrator could activate sound-light alarm to the illegal vehicle.

UVSS system

Under car & vehicle surveillance system



Car locator



Car Locator

Through touchscreen kiosks positioned at locations

Input Plate Number

Support fuzzy search, simply find your vehicle and provide picture for confirmation

Show the Best Path

Show the best route from kiosk to the vehicle

Parking Charge

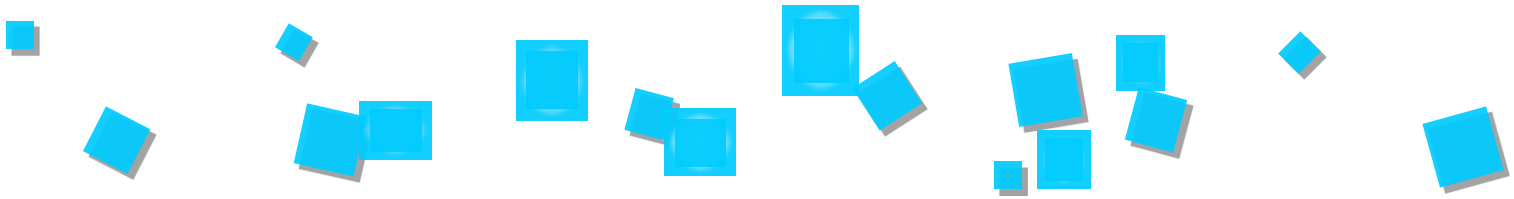
Plate:	1319УБО
Name:	
Contact:	
Charge Rile:	Unregistered User Type
In Time:	2017-08-02 15:01:53
Out Time:	2017-08-02 16:16:41
Parking Duration:	1H14M48S
Charge:	2000.00
Last Pay Time:	
Last Pay Money:	0
Discount Type:	SuperMark
Coupon No.:	
Discount Am...	1000
Amount Paid:	¥ 500.00

Print Receipt

Tips: You have vehicle not paid.

Parking Time
1Hour14Minute48Second,Charge 2000.00$

04 Products



Name Rule

Software platform

Brand
DHI: Dahua

Product Name
Parking Management System

Category
Pro： Professional

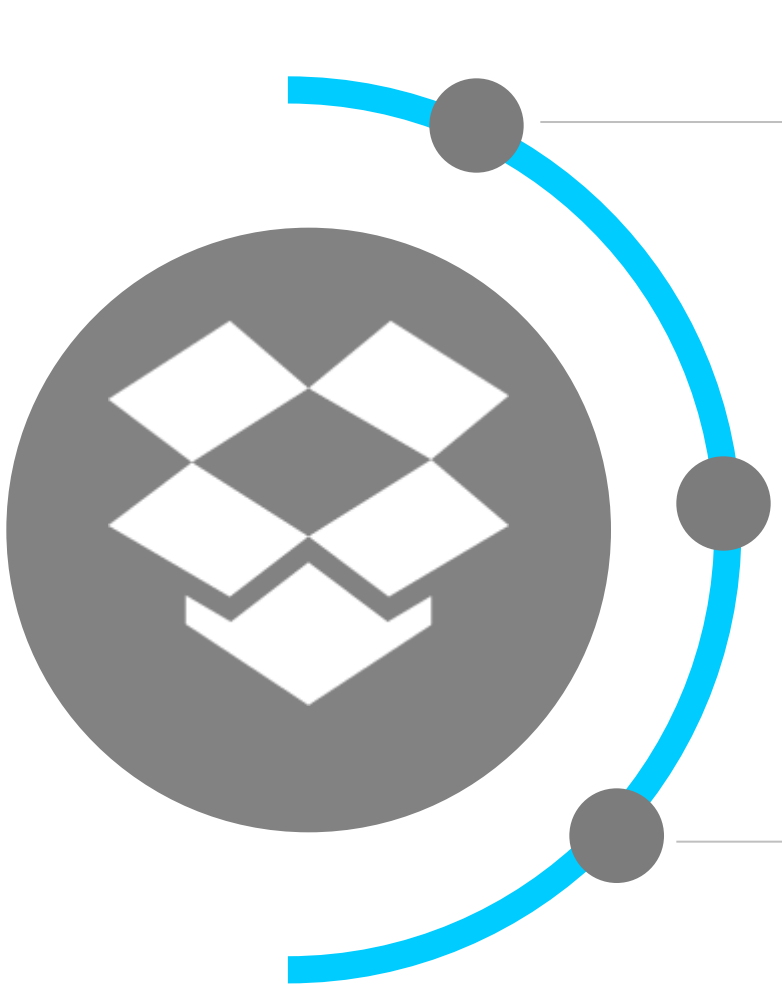
All in one(include hardware)

Brand
DHI: Dahua

Product Name
Parking Management System

Category
8： Dell server

PMS PRO



Lower Cost

Avoid wasting idle hardware servers

Flexible Deployment

Hardware Server Optional

Management extension

Convenient customization

PMS8000

Plug & Play

Easy to deployment, real plug & play

High Performance

Up to 10 channels for ANPR inputs

Support 7*24 stable operation

All-in-one

Embedded Windows OS & Database

Higher compatibility

Performance Specification

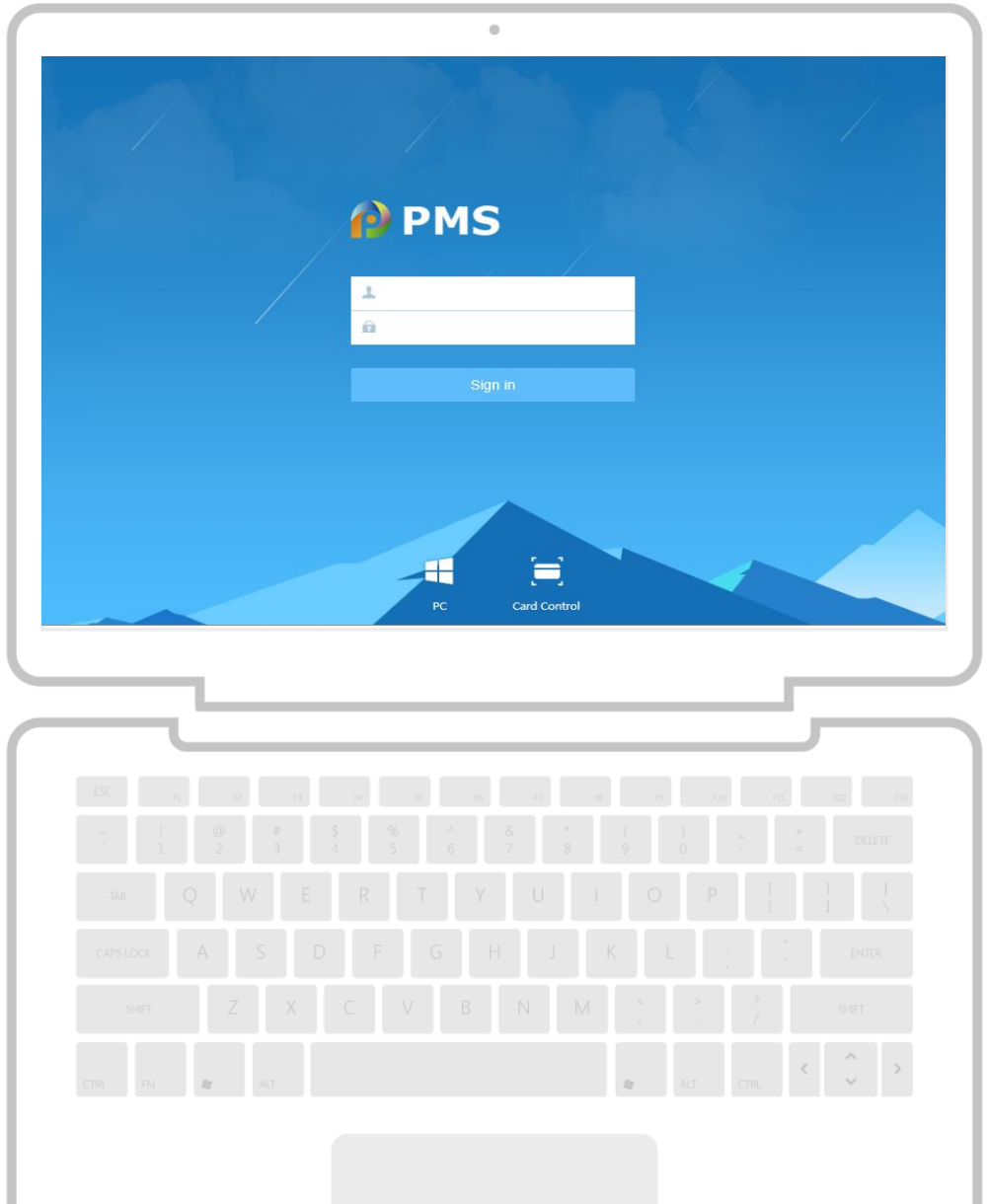
- Support 1000 Video Channels input(include Spot Detector/VTO/IPC)
- Support 10 Exit/Entrance Channels input
- 200 Online Users

Interface

Network Port	2 RJ-45 Ports（10/100/1000Mbps）
Ethernet Port	2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports
RS232	1 RS232
RS485	Reserved
Alarm input/output	Reserved
USB Port	Front panel: 2× USB 3.0, Rear panel: 2 × USB 2.0
HDMI	Reserved
VGA	2 VGA
HDD Installation	Built-in 1× 1T HDD disk (3.5") for system and picture storage

System

Main Processor	64 bit Intel CoreTM i3
Operating System	Microsoft® Windows Server
Memory	Up to 64GB
Chipset	Intel C236
Network controller	Broadcom® 5720
Communications	Broadcom quad-port 1Gb Base-T adapter Broadcom dual-port 1Gb Base-T adapter



Start now.

PMS8000 | Thank you

Li_xia2@dahuatech.com
Zhejiang Dahua Technology CO., LTD