Dahua TECHNOLOGY

PMS Pro

Parking Management System

Introduction

PMS PRO is a software platform server that used for parking management. It adopts Client-Server architecture and is applicable for mainstream windows system.

PMS PRO provides a highly flexible deployment while maintaining an easy-to-use interface for operators. Features include: user rights management, device management, multi-lots management, card management for customizing vehicle type, owner management, live view of entrance/ exit and display the associate plate number and type, 2-way audio talk between VTO and PMS client, open the barrier remotely, E-map, event linking, car locating, parking guiding, parking space for VIP, overtime alarm, manual charge, UVSS management and other advanced features.

Key Components

Client
· PC Client
· PMS Cashier
· Car Locatig Client

Running Environments

Operating System
· PC Windows XP SP3
· Windows 7/ Windows 8.1/ Windows 10 (64-bit)

Browser Version
· IE 9 or above, Chrome and Firefox

Hardware Requirement
· CPU @Quad Core,i3 4160
· RAM@4GB
· Graphic @DirectX 9.0c or above
· Dard Disk@500 GB
· Ethernet port@1000 Mbps

Features

System Stability
· C/S software architecture
· Support 7*24 stable operation

High Flexibility and Scalability
· Unlimited accounts management, 200 online users
· 10 Entrance/Exit ANPR Channels input

High Compatibility
· Dahua's devices included: NVR, IPC, VTO, EVS, Access ANPR, Spot Detector,Ultrasonic Parking Space Controller, Car Locator, Barrier, LED Screen, IVS-T, etc.
· Offer the platform SDK for third-party platform do further development

Main Function

1. Admin System

Basic configuration
· Device add and management
· Organization management
· User rights assigned and management
· Alarm Scheme CFG and management
· Server status query and management
· Backup and restore

Device Management
· Add NVR device via IP Address
· Get ANPR Camera Info via NVR device or add directly
· Add LED Screen for display available spaces, guidance or other info
· Set established or customized content for LED screen to display
· Add VTO device for 2-way video talk between VTO and PMS client
· Add IVS-T as intelligent module

User Management

· Add, edit and delete users,enable and disable user status
· Assign permission of parking management to users
· User can be assigned to obtain the corresponding permissions for business modules and devices

Server Management

· Check the status of different server includes master and slave server
· Restart/start all servers and modify the port of servers

Backup and restore

· Backup and Restore the system configuration

Parking Lot

· Edit parking-lot, includes total and available spaces,parking name etc.
· Manage owners , vehicles and cards
· Privilege for VIP includes opening the barriers via VTO with cards and binding parking lots with plates
· Set different entry rules, charge rules,coupon rules
· LED screen can be binded with other devices like ITC, spot detector device and ultrasonic parking space controller
· On E-map users can view the situation of parking lot directly, such as device status, available parkings etc.

Search

· Check the Vehicles info, includes picture, plate, ANPR channels, time of entry/exit and vehicle type etc.
· View the real-time info of existing vehicles in parking lot,and force to exit the abnormal vehicles
· View pass records of entry/exit
· Filter and export records
· Check records of chassis

Log

· View, search and export status of devices
· Alarm log type includes alarm type, alarm time, device and channel
· Management log includes time, operation user and operation event
·System log records the statues of all kinds of servers
·Parking alarm log contains the records of overtime alarm and illegal parking

2. PMS Client

Live view and playback

· View real-time videos and passing records which include capture, plate number, group etc.
· Open the barrier remotely
· Accept, hang up or initiate a voice talk
· Search & playback records by time and channels,· cut a part of the video and download it
· Set the display ratio of the channel screen

Map

· View the status of devives and parking spots
· Choose one or multi devices, doing preview or playback tasks
· Search parking records, playback and download videos

Search

· Search and view the historical pass records
· Force existing vehicles to leave, it means delete existing vehicle records and refresh passing records
· Filter and export records , the operation includes preview and playback

Car locating

· Drivers can search their vehicles by using all-in-one reverse search device

3. PMS Cashier

Center charge

· Binding multi entrance/exit channels form one parking lot for center charge
· Flexible charge for different user types and coupons

Performance Specification	
System Requirements	
RAM	4 GB
CPU	Quad Core, i3 4160
HDD	500 GB
OS	Windows XP SP3 (32-bit or 64-bit) Win 7/Win 8/Win10 (64-bit)
Browser	IE 9 or above, Chrome,Firefox
Video card	DirectX 9.0c and higher
Monitor Resolution	1024*768 , Recommends 1280*1024
Video Management	
Entrance/Exit ANPR Channels	10 Entrance/Exit ANPR Channels
Parking Channels	1000 Channels(include detector spots, LED, IPC etc.)
Clients Per System	200 Online Users
Numbers of Users	Unlimited