a|hua
TECHNOLOGY

PMS Pro

Park Management System

Introduction

PMS PRO is a software platform server that used for parking control for vehicles. It adopts Client-Server architecture and applicable with all windows system.

PMS PRO provides the highly flexible deployment while maintaining an easy-to-use interface for operators. Features include: user rights management, device management, multi-lots management, customized vehicle type, live view of entrance/exit and display the associate plate number and type, 2-way audio talk between VTO and control client, remote barrier opening, parking map, event linking, car locating, parking guiding and other advanced features.

Key Components

Server
· Picture Transfer Server (PTS)
· Picture Control Server (PCS)
· Car Parking Device Gateway (CPDG)
· Gate Access Server (MCD_GATE)
· LED Access Server (MCD_LED)

Client
· PC Client

Running Environments

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

Browser Version
· IE 9 or above and Chrome

Hardware Requirement
· CPU @Quad Core, 3.6 GHz
· RAM@4GB
· Graphic @DirectX 9.0c or above
· System Disk@10 GB
· Ethernet port@1000 Mbps

Features

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

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

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

Main Function

1. Admin System

Basic Configuration
· Device add and management
· User rights assigned and management
· Alarm Scheme CFG and management
· Server status query and management
· System Info

Device Management
· Add the Network Recorders via IP Address
· Get ANPR Camera Info via Network Recorders
· Add LED Screen for display available spaces, guidance or other info
· Support set established or customized content for display on info screen
· Support add VTO device for 2-way video talk between VTO and control center

PMS Professional

User Management

· Add, edit, enable and disable users status

· Assign different users with different parking right

· User can be assigned to obtain the corresponding permissions for business modules and devices

Server Management

· Query the status of different server

System Config

· Check the version info of current system

· Time configuration for sync server and connected devices

· Back up and Restore the system config

Parking Lot

· Naming parking-lot ,total and available spaces

· The driver's info and rights management, include whitelist/ Blacklist assign

· Support card issuing and card management. With the card, the driver can open the barriers via VTO

· Support set different entry rules and charge rules

· Support devices binding, includes ITC, VTO and LED etc.

Search

· Check the Vehicles info, includes plate picture, plate, ANPR channels, time of entry/exit and vehicle type etc.

· Support view the real-time info of existing vehicles in parking lot

· Support view pass records of entry/exit

· Support records filtering and export

Log

· Support view, search and export devices status

· Alarm log type include Talk Event, Device offline, Blacklist Snapshot, Disk full/error etc.

· Management log include User login/logout, system rights change, modified passwords etc.

2. PMS Client

Live view and playback

· Support view real-time video and pass records. The pass records include capture, plate number, group etc.

· Records playback

· Open the barrier remotely

· Accept and initiate voice talk

· Search records by time and channels

· Customized split window to preview

· Setting the display ratio of the channel screen

Search

· Support search and view the historical pass records

· Force existing vehicle to leave, it means delete existing vehicle records and refresh pass records

· Support records filtering and export, the operation of the records include preview and playback

Performance Specification	
System Requirements	
RAM	4 GB
CPU	Quad Core 3.6GHz
HDD	10 GB
OS	Windows XP SP3 (32-bit or 64-bit) Win 7/Win 8/Win10 (64-bit)
Browser	IE 9 or above and Chrome
Video card	DirectX 9.0c and higher
Monitor Resolution	1024*768 , Recommends 1280*1024
Video Management	
Entrance/Exit ANPR Channels	Up to 10
Video Channels	Up to 1000 (include detector spots)
Clients Per System	200 Online Users
Numbers of Users	Unlimited