

DHI-PMS8000

Park Management System



Introduction

PMS8000 is an all-in-one server that used for parking control for vehicles. It adopts Client-Server architecture and applicable with all windows system.

PMS8000 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, parking guiding and other advanced features.

Features

System Stability

- C/S software architecture
- Support 7*24 stable operation

High Flexibility and Scalability

- Support unlimited accounts management, 200 online users
- Support 1000 Video Channels input
- Support 10 Entrance/Exit Channels input

High Compatibility

- Dahua's devices included: network camera, NVR, ITC, VDP, LED Screen, etc.
- Offer the platform SDK for third-party platform do further development

Running Environments

Operating System

- Embedded Windows 10 (64-bit)

Browser Version

- IE 9 or above and Chrome

Main Functions

- Manage the devices and users for the different parking-lots
- Assign different users with different parking rights
- Customized parking-lots and binding associated devices
- 2-way audio talk between VTO and control client
- Live view for various entrance & exit, customized layout
- Remote barrier opening from Control Client
- Accept and initiate voice talk
- Capture and display plate No. and corresponding vehicle type
- Customized split window to preview
- Setting the display ratio of the channel screen
- Playback the records from the Recorders
- Support force existing vehicles to leave
- Support filter by criteria like ANPR channel\ Direction\ plate No. to search associated info
- Support view pass records and export report
- Support flexible configuration of entry rules
- Support set established or customized content for display on common screen
- Support card manager and rights manager
- Support view the status of device and parking spot on the map, you can also search the parking records and captures of the plate license
- Support parking spot detection, capture and count
- Support parking guide via controlling the guide LED and spot detector device
- Support video search and playback
- Support event CFG by linking video push and record etc. After that, you can confirm the event records as you like

Performance Specification

System

Main Processor	64 bit Intel Core TM 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

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

Video Management

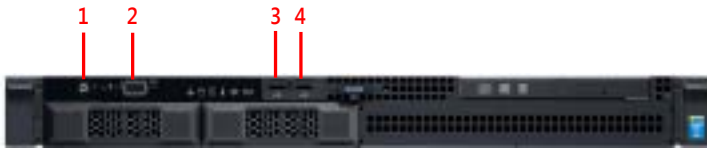
Number of Connected Cameras Per Server	10 Entrance/Exit channels
	1000 video channels
Clients Per System	200 Online Users
Numbers of Users	Unlimited

Other

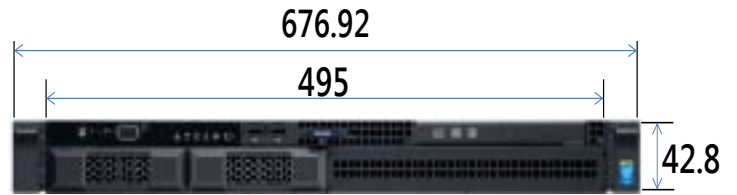
Power	250W cabled PSU
Working Environment Temperature	0°C ~ 50°C
Working Environment Humidity	5%~90% (non-condensation)
Storage Environment Temperature	-20°C ~ +70°C
Storage Environment Humidity	5% ~ 90% (non-condensation)
Working Altitude	-60m ~ 3000m
Dimension	1U, 676.92mm×482.46mm×42.8 mm
Installation Method	Standard 19" rack installation
Rack Support	Ready Rails™ II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded hole racks, with support for optional tool-less cable management arm.

Physical Interface

Dimensions (mm)



- 1- Power Button
- 2- VGA
- 3- USB 2.0
- 4- USB 2.0



- 1- RS232
- 2- VGA
- 3- Ethernet Port 1
- 4- Ethernet Port 2
- 5- USB 3.0
- 6- USB 3.0
- 7- Power Interface

