

PMedia Platform Software

Installation guide



Shenzhen HUADEAN Technology Co., Ltd.

Overseas Dept.

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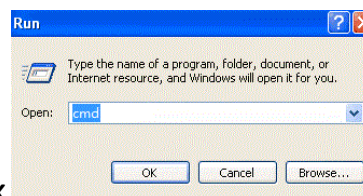
1. Installation guide

- The name of software described in this guide is PMedia Platform Software which is developed independently by Shenzhen HUADAN Technology Co., Ltd.
- Please shutdown the firewall  and local antivirus software before installing the software.
- The software should be installed in the better performance of the computer or server, to ensure the stable operation of the system and data security.
- During the installation process, please ensure that the power supply is stable, and to ensure there is enough space for installation.
- Because the software will continue to update, the diagram contained in this guide may not be consistent with your software. If there is any doubt, please consult the after-sales service staff.

2. Installation preparation

2.1 Software acquisition

- If you need to get the software installation package, please contact your local sales representative in your countries or regions.
- It needs license file  `auth.license` during software installation process, Please connect us to get the license file beforehand.



1) Open running, enter “cmd”, click OK

```
C:\Users\Hu>wmic CPU get ProcessorID
ProcessorID
BFEBFBFF00040651
```

2) Enter the command “wmic CPU get ProcessorID”

3) Please tell us the “`BFEBFBFF00040651`”, then we can give you the license file.

2.2 Running environment requirements

Type	content
A . confirm system version	Software supported system: Desktop Edition: Windows 7、Windows 8、Windows 10 and above Server Edition: Win Server2008、Server2012 or above 【Note】 we suggest you to use win Server2012 64bit system
B. confirm the IE version	It is recommended to use IE 11 or up. Or the browser with IE11 kernel. 【Note】 If the page can't be displayed properly, change or update your browser automatically.
C . hardware requirement	➤ CPU: Dual core, 3GHz ➤ Memory: 8G DDR2 ➤ HDD storage: 20T（according to real request） ➤ Bandwidth: 100M 【Note】 The above is the basic requirement of the server, only for reference.

【Remark】 Please make sure the server PC has the local D disk, not only a local C disk.

Please make sure the server PC has a individual static public IP address, no firewall blocked.

2.3 Software installation list

Name	Version	Introduction	Function
 PMedia_2018_1.0	1.0	Main program	The main functionality
 PlaybackServer	3.2	Video play control	For playback
 VideoOcx	4.5	Video OCX Controls	For WEB page login

【Note】 The software may be updated, please pay attention to the new version release.

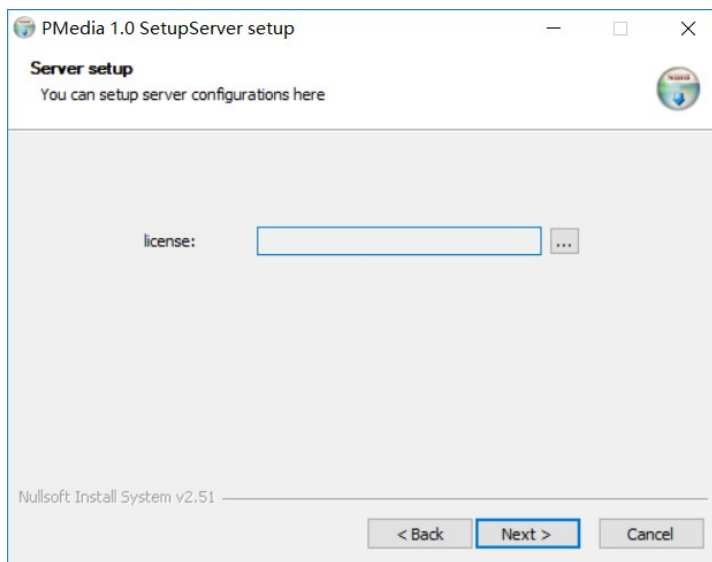
3. Software installation

3.1 Center Server installation

Step1. Double-click to open “PMedia_2018_1.0.exe”, start installing. As shown in below :

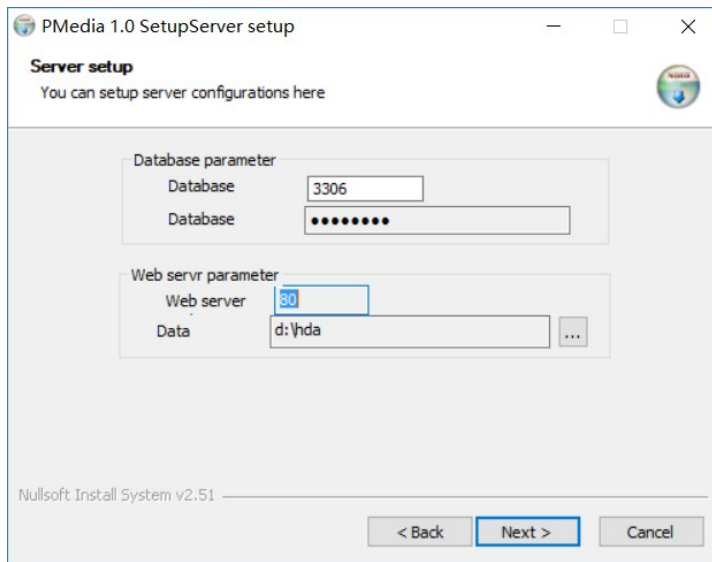


Step2. Here please select the file “auth.license”, and click **【Next】** . As shown in below:

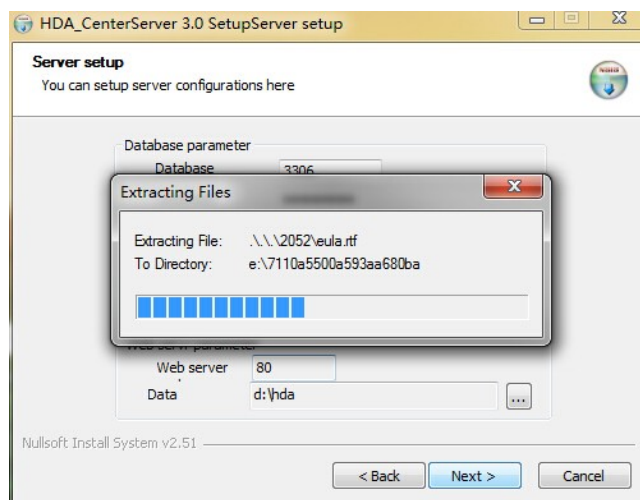


Step3. Click **【Next】** to go to next page, you can setup the server configurations here. As shown in below:

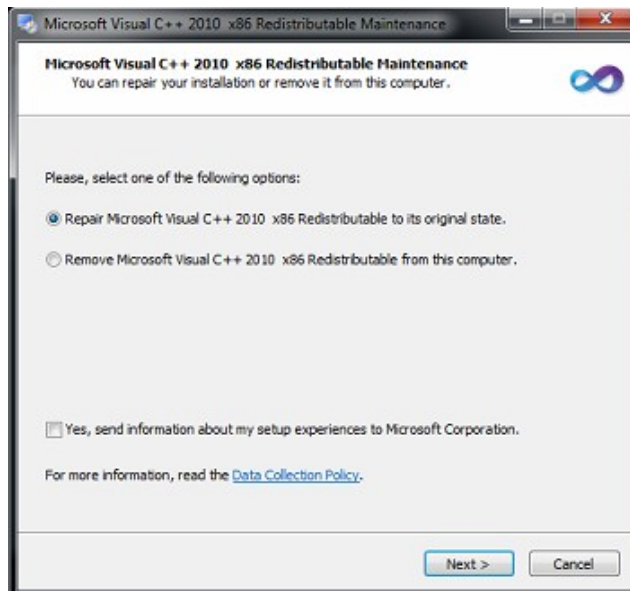
Note: This folder will be the destination of the evidence that station will send through FTP server, it's necessary to select the big unit for save all information, not select windows drive.



Step4. Keep the default settings and click **【Next】** to go to next page, the dll files are registered to OS.

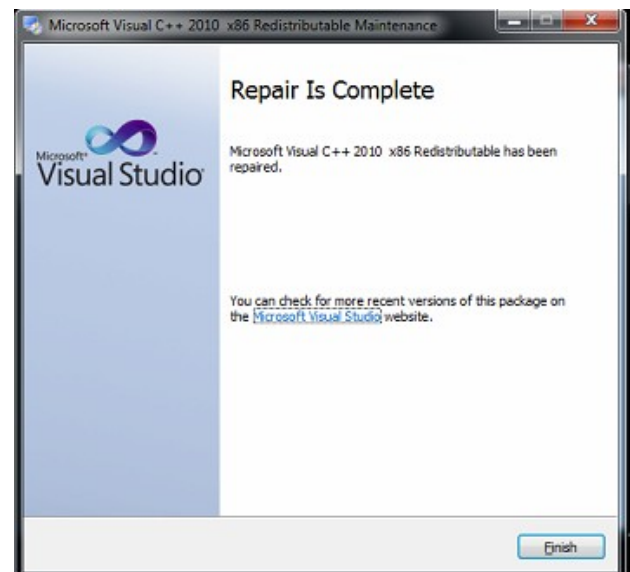
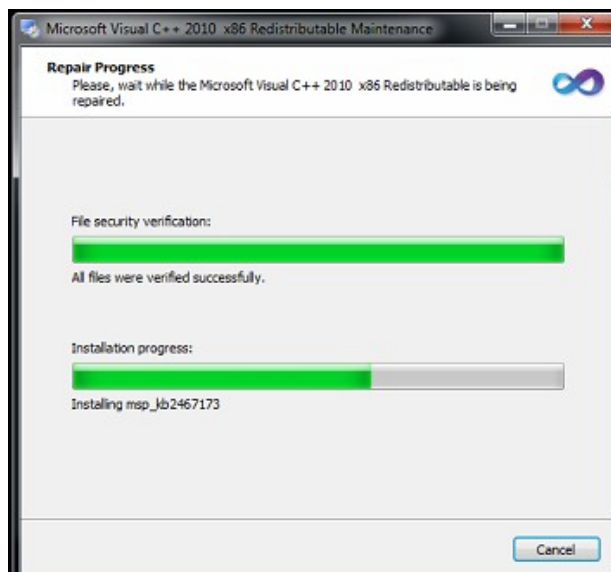


Step5. Then you can go to the page “Microsoft Visual C++ 2010 x86 Redistributable”, keep the default selection and click **【Next】** , As shown in below:

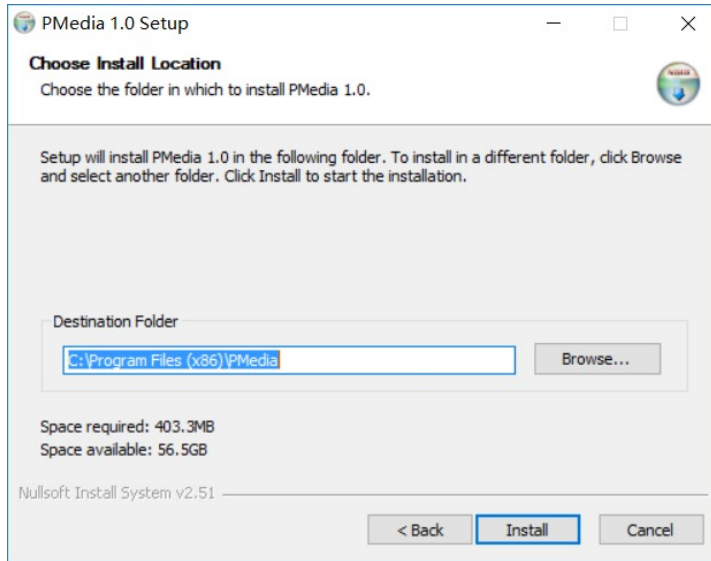


Step6. The modification process.

Step7. Modification completed. Click **【Next】** to go to next page.

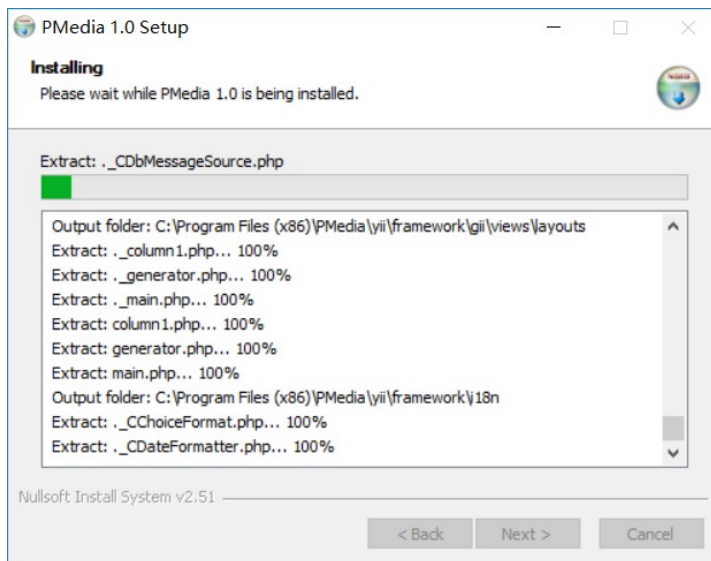


Step8. Choose the install location. Then click **【Install】** . As shown in below:

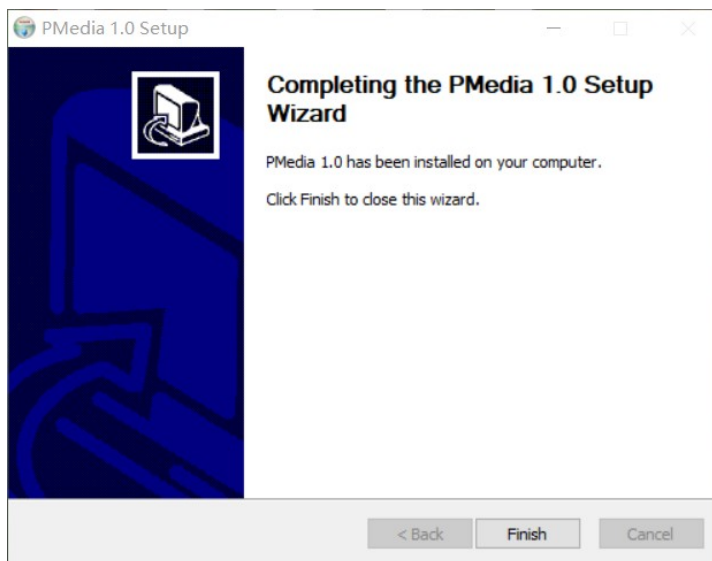


【Note】 It is recommended that the software be installed on “D disk”, but not on “C disk”

Step9. The installation process. As shown in below:

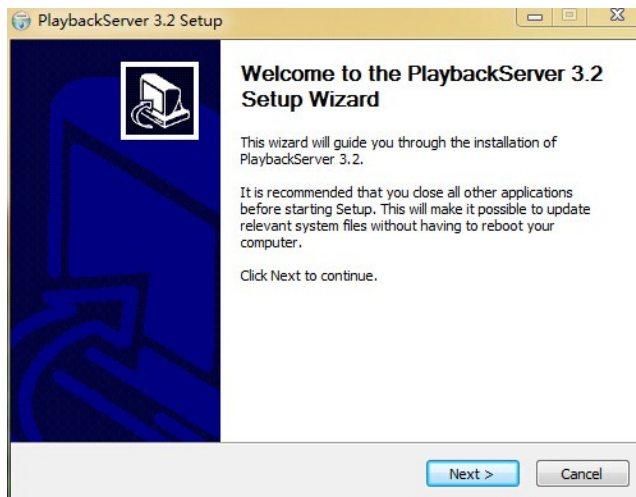


Step10. Click **【Finish】** to finish the installation. As shown in below:

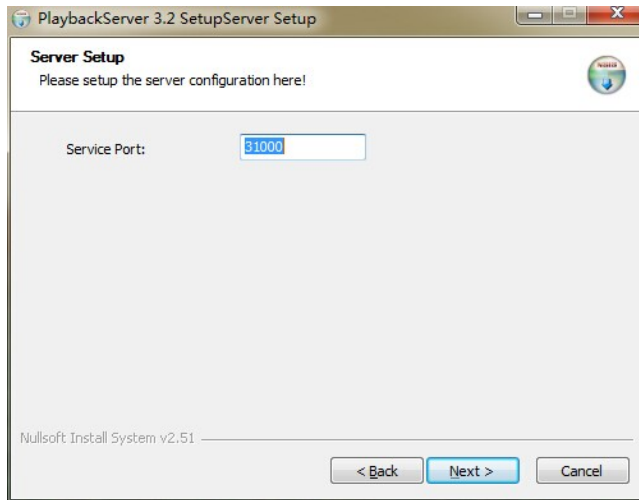


3.2 PlaybackServer installation

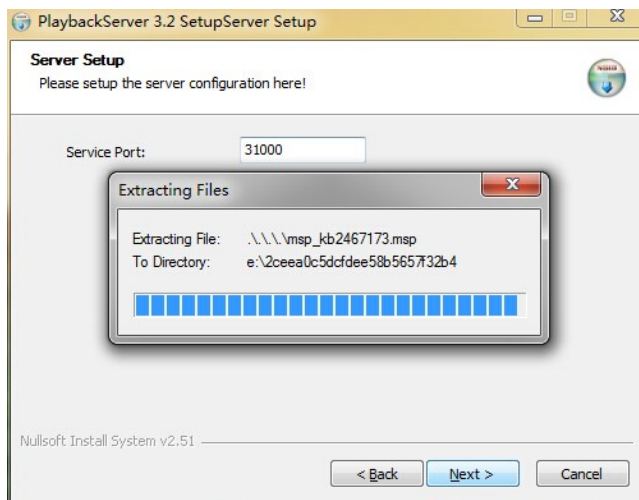
Step1. Double-click to open  PlaybackServer , start installing. As shown in below :



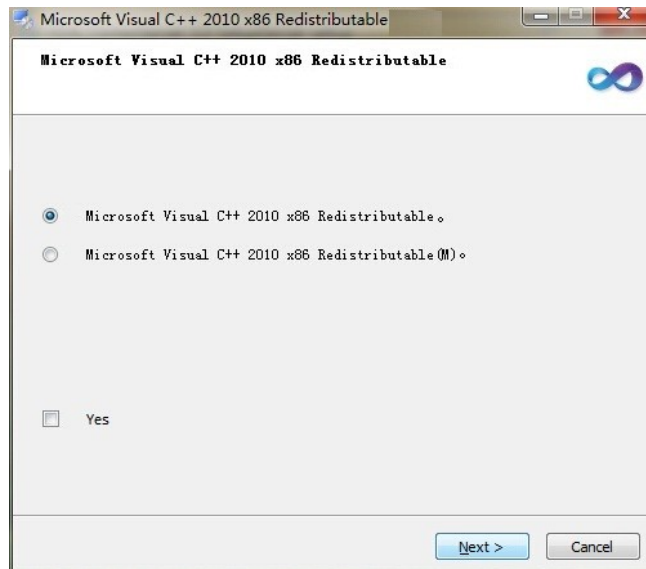
Step2. Here please keep the default settings, and click **【Next】** . As shown in below:



Step3. Keep the default settings and click **【Next】** to go to next page, the dll files are registered to OS.



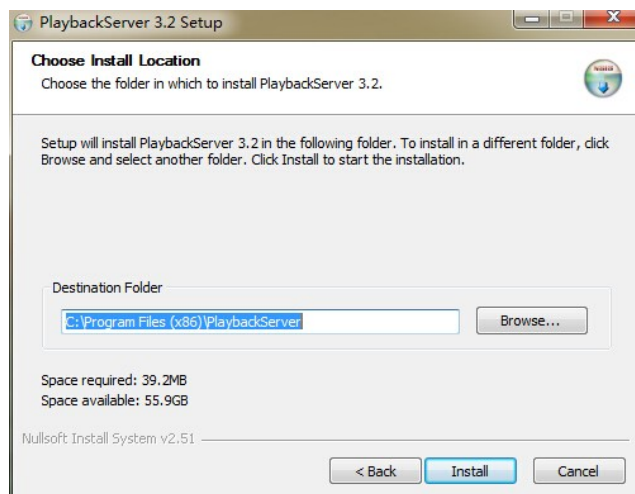
Step4. Then you can go to the page “Microsoft Visual C++ 2010 x86 Redistributable”, keep the default selection and click **【Next】** , As shown in below:



Step5. The modification process.

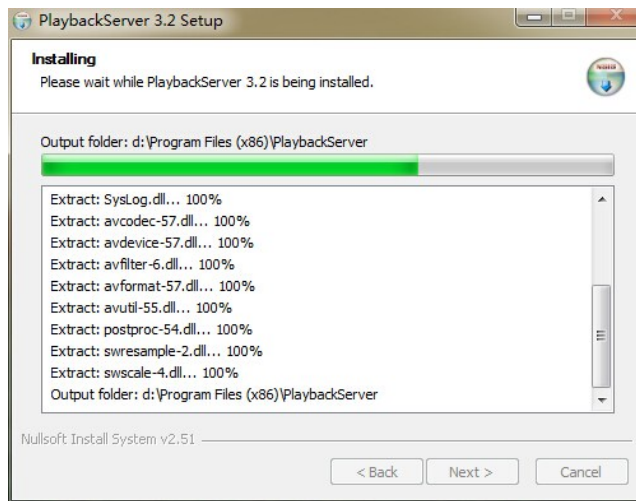
Step6. Modification completed. Click **【Next】** to go to next page.

Step7. Choose the install location. Then click **【Install】** . As shown in below:

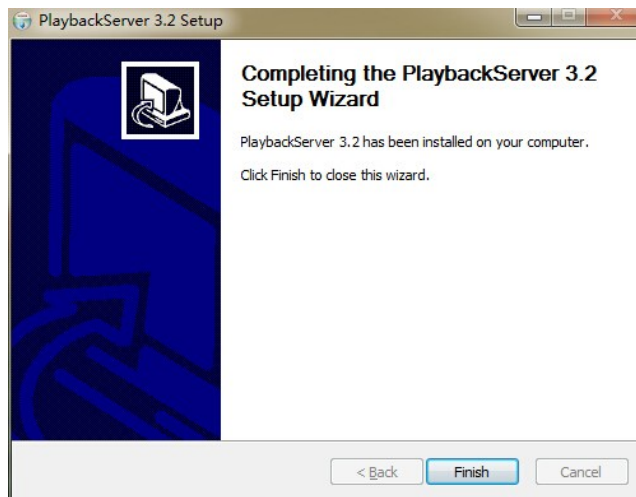


【Note】 It is recommended that the software be installed on “D disk” , but not on “C disk”

Step8. installation process. As shown in below:



Step9. Click **【Finish】** to finish the installation. As shown in below:

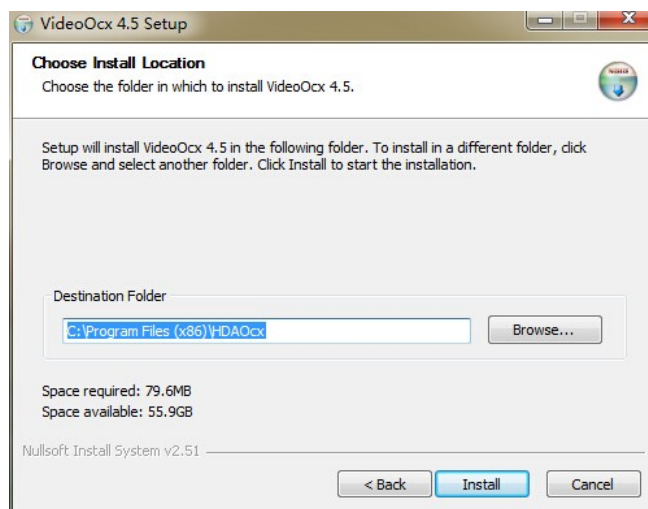


3.3 Video OCX installation

Step1. Double-click to open  VideoOcx , start installing. As shown in below :

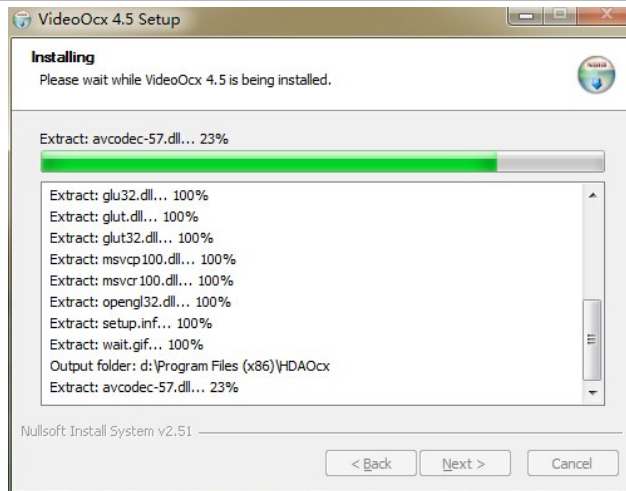


Step2. Choose the install location. Then click **【Install】** . As shown in below:

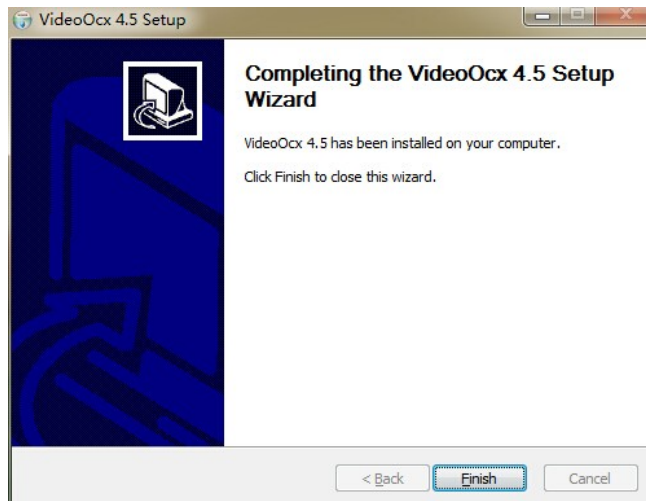


【Note】 It is recommended that the software be installed on “D disk” , but not on “C disk”

Step3. The installation process. As shown in below:



Step4. Click **【Finish】** to finish the installation. As shown in below:



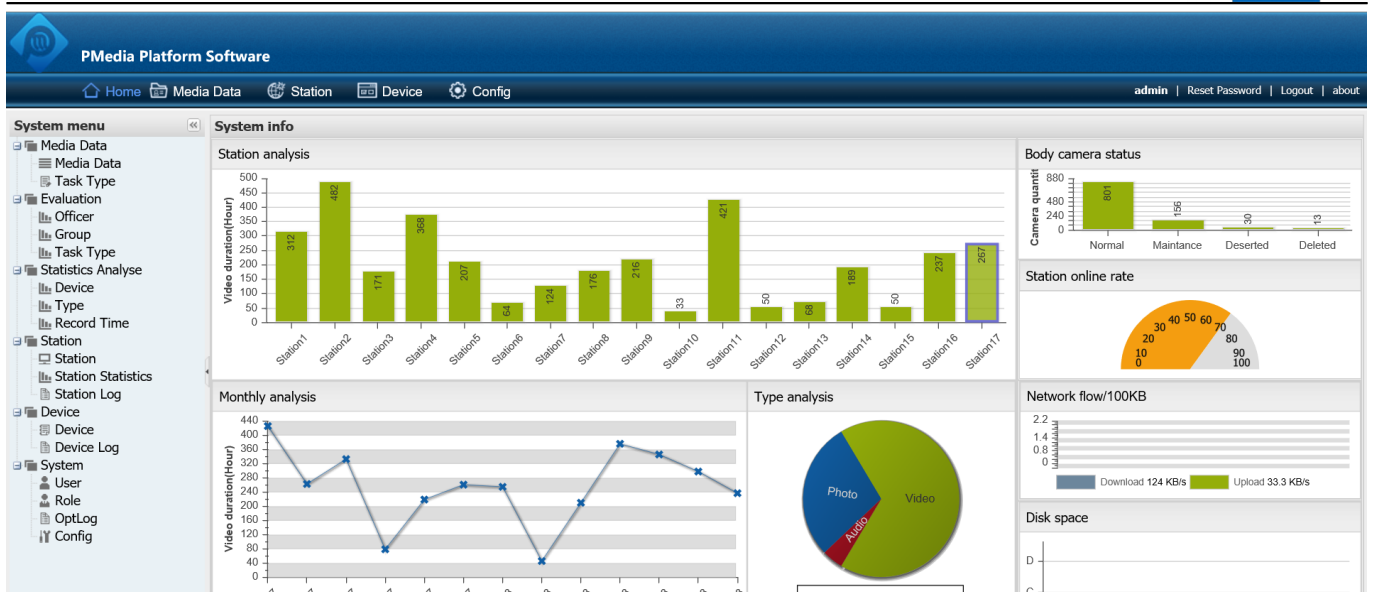
4. Software basic configuration

4.1 Software Login

Step1. Running Internet Explorer on the PC which has installed the PMedia software, enter your PC's IP or `http://127.0.0.1/`, you can see the main web page.

Step2. Entering the default account and password, both are “**admin**”, click on **【Login】** to log in the software.





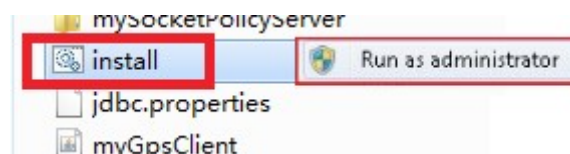
4.2 Start-up service process

Step1. Find the folder “ bin” in the software installation path. (for example :D disk). As shown in below:

tool (D:) > Program Files (x86) > HdaCenterServer > www > protected > commands > shell > tool > bin >

名称	修改日期	类型	大小
myGpsClient	2017-11-23 14:20	文件夹	
myHttpServer	2017-11-23 14:20	文件夹	
mySocketPolicyServer	2017-11-23 14:20	文件夹	
install	2007-11-07 9:40	Windows 批处理...	1 KB
jdbc.properties	2007-11-07 9:40	PROPERTIES 文件	1 KB
myGpsClient	2007-11-07 9:40	Executable Jar File	1,196 KB
myHttpServer	2007-11-07 9:40	Executable Jar File	136 KB
mySocketPolicyServer	2007-11-07 9:40	Executable Jar File	3 KB
setEnv	2007-11-07 9:40	Windows 批处理...	1 KB
startAll	2007-11-07 9:40	Windows 批处理...	1 KB

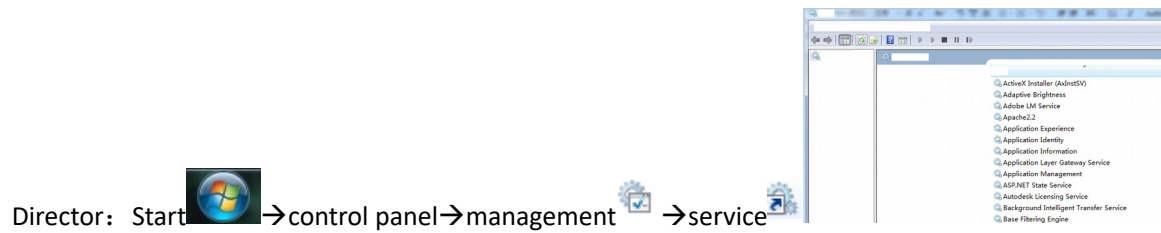
Step2. Double click on the file “install” and run it as administrator. As shown in below:



Step3. Double click on the file “StartAll” and run it as administrator. As shown in below:



【Remark】 There are 7 services ,please keep them working all the time:



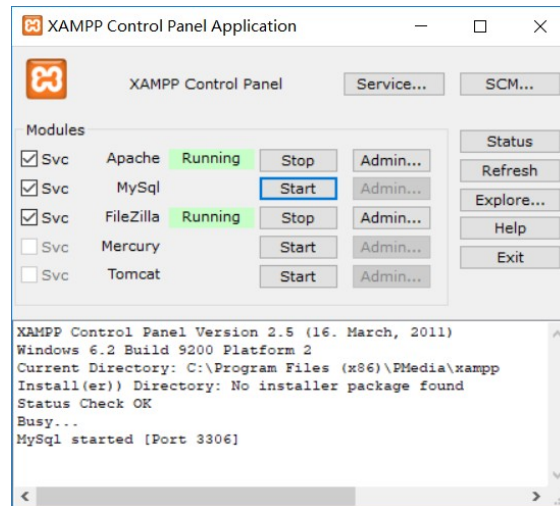
No.	name	explain
1	HDA_PMedia_DB_Service	Database and other service
2	Playback_DeamServer	Playback videos

5. Commonly used functions

Connect DMT-P2 to PMedia Software

Step1: Go to the PMedia installation path: C:\Program Files (x86)\PMedia\xampp, Open “xampp-control.exe”

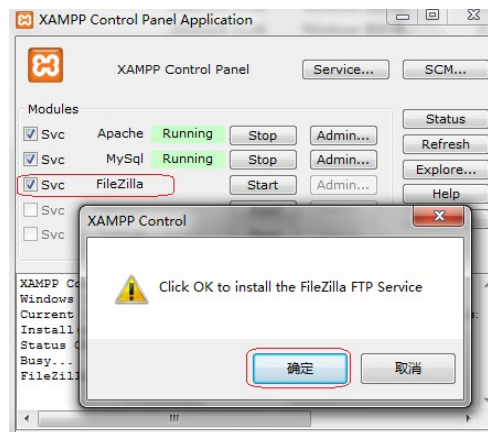
 **xampp-control.exe**, please make sure run it as Administrator. You will see the information as follow:



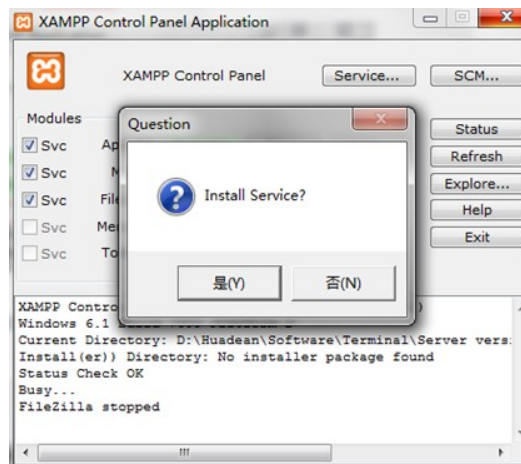
Step2: Please make sure the three services “Apache”, and “FileZilla” are running normally. If not click the “Svc” to install the service and then start them.

For example (How to install the File Zilla service):

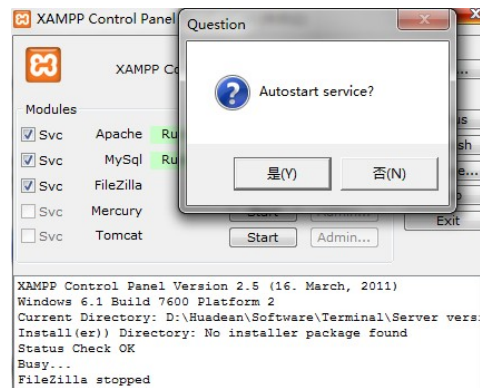
Click the “Svc” of the FileZilla



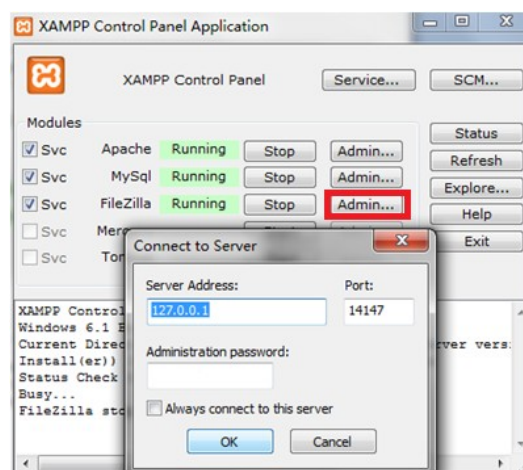
Click “Y” to start to install the service



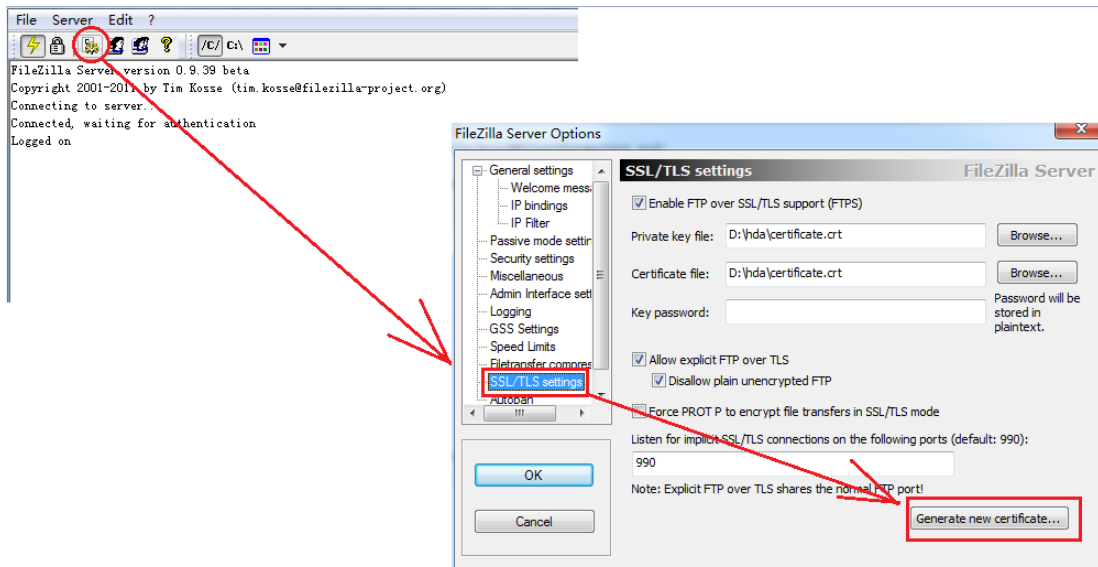
1. Start up the service



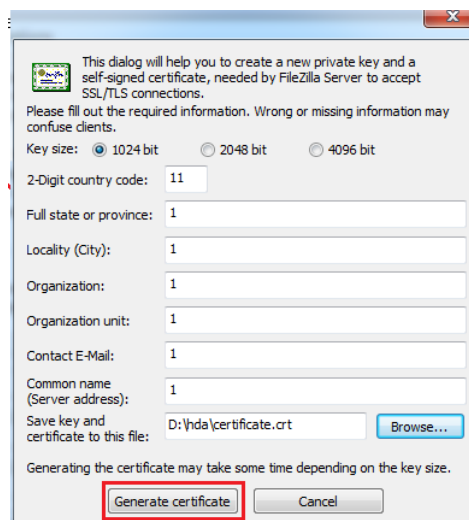
Step4: Click the Admin to login the FTP server configure interface, Click “OK to enter into the main interface”



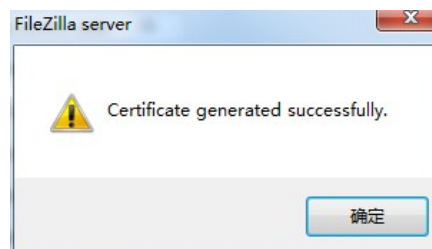
Step5: Click → select SSL/TLS settings → click “Generate new certificate”



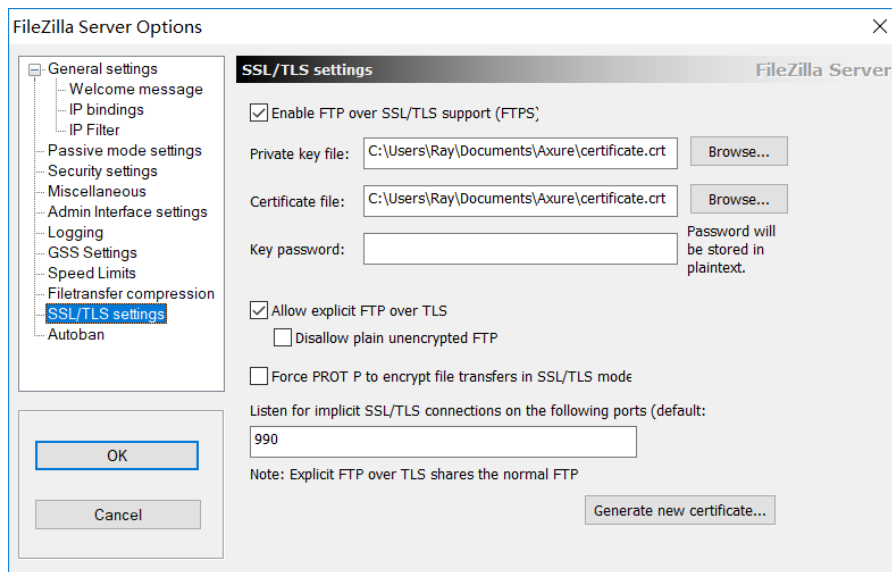
Step6: enter the necessary info. select the right directory,



then click “Generate certificate”

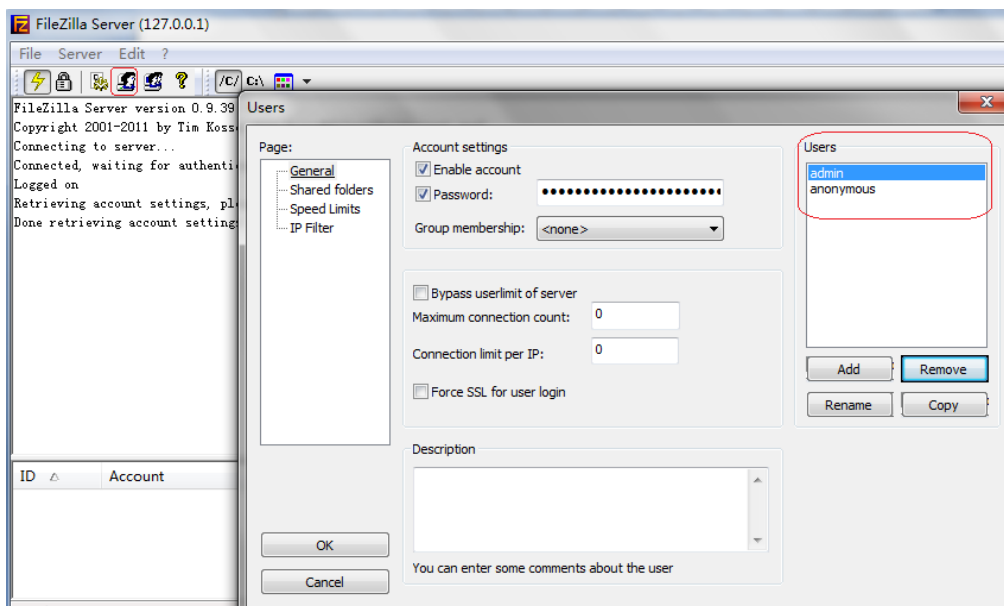


Cancel the option :“Disallow plain unencrypted FTP”, Then click “OK” to accept it

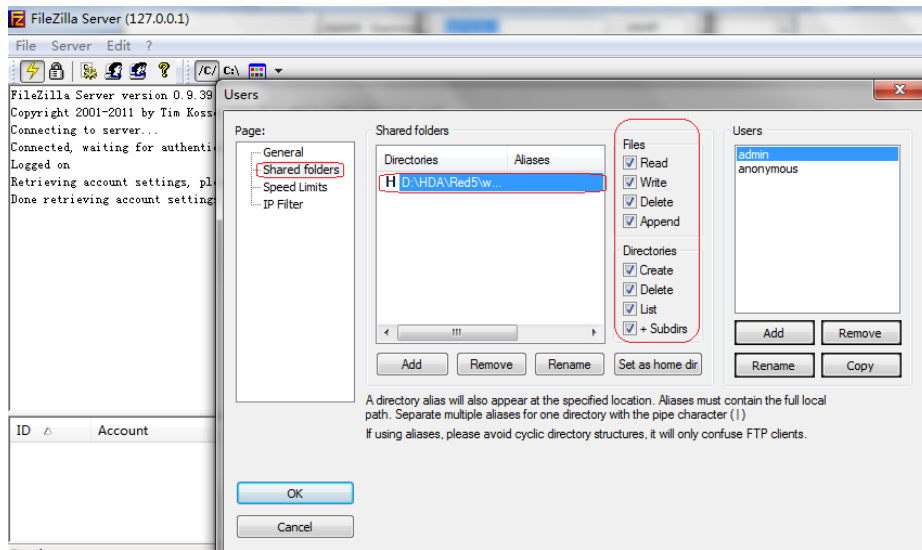


Step7: You can add a username, and then assign a password for this user, as follow:

[note] don't forget the **username** and **password** you set



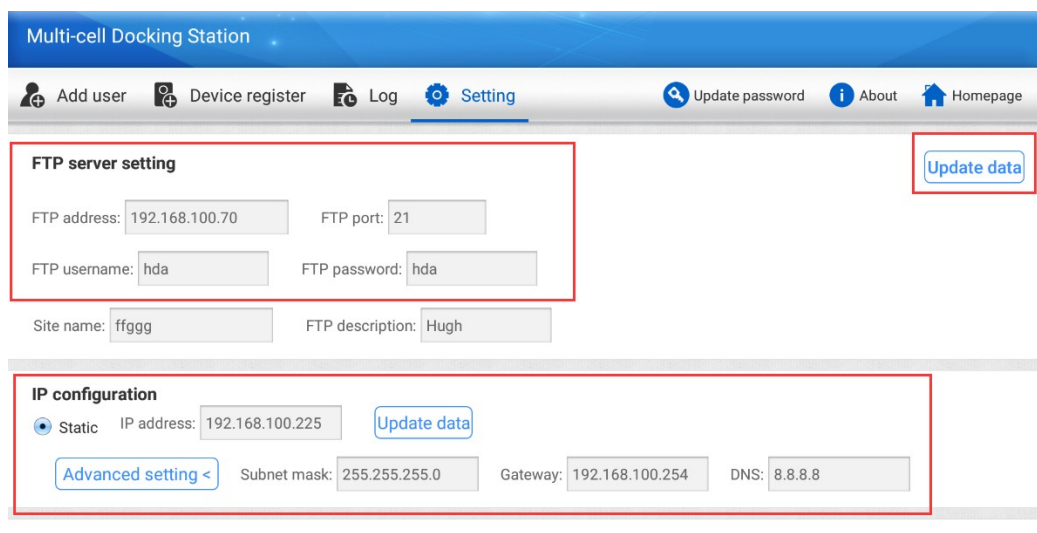
Step8: Setup the shared folder; please make sure the share folder directory is: **D:\hda\Red5\webapps\vod\streams**, and make sure all the options are selected, as the picture followed:



Step9:keep this FileZilla Server working

On the docking station side

Step10: Login the docking station and setup the FTP address and local IP, please make sure the local IP is in the same net field with the server PC, and then click “update data” to modify the setting and save it.



FTP address: It's the IP of the server PC that installed the PMedia software.

FTP port: It should be the default one 21.

FTP username: It's the one you have setup in the File zilla, such as “admin”

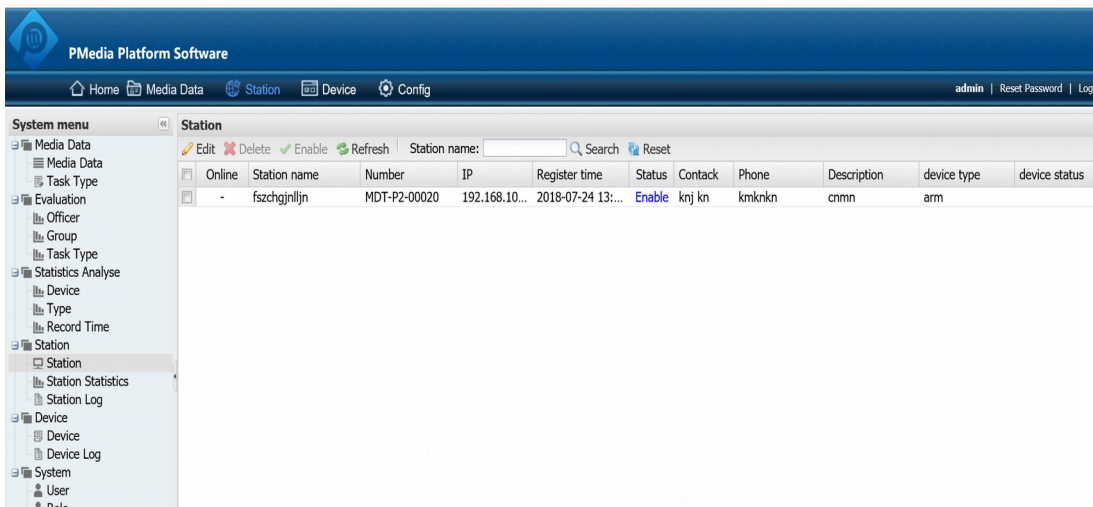
FTP password: It's the one you have setup in the Filezilla, such as "admin"

Site name: It's the name of the docking station that will display in the PMedia software.

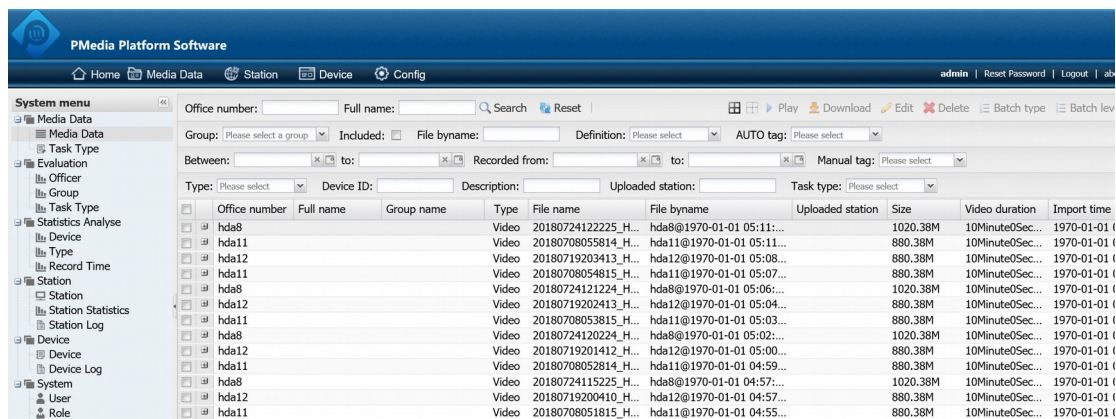
IP configuration: Setup the local IP of the docking station, click "Update data" to start change and save the setting. Please make sure all the settings are correct, otherwise it can't connect to the server.

After finished the setup, and then click "Update data" to save the data, and then restart the docking station

Step 11: Login the WEB page, and go to the Station page and check if the station is connected, as follow, if yes, and then enable it.

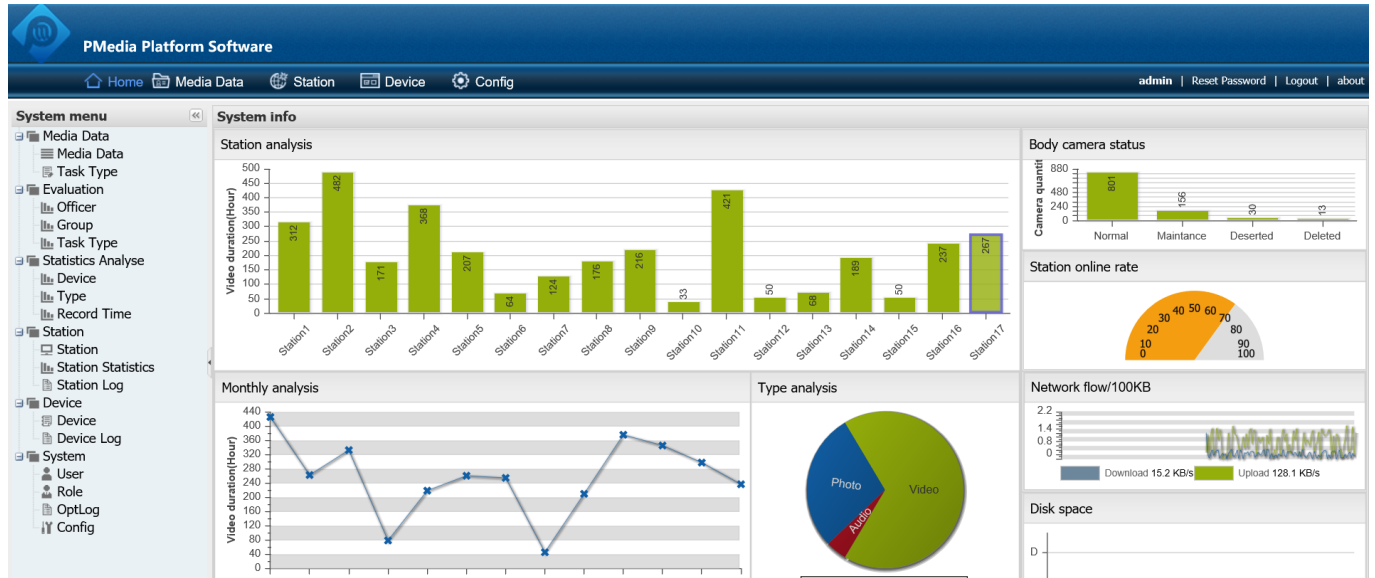


Step12: Connect the camera to the docking station to start download the data, if download it success, you will see the data information in Media data interface, as follow:



6. Software interface introduction

After successful login, the main interface will be displayed.



Picture 1

6.1 Media Data

1) Media Data

You can manage all the uploaded data here. The operations include Play, Download, Upload, Edit, Delete and Search and so on, and the search items can be based on many options.

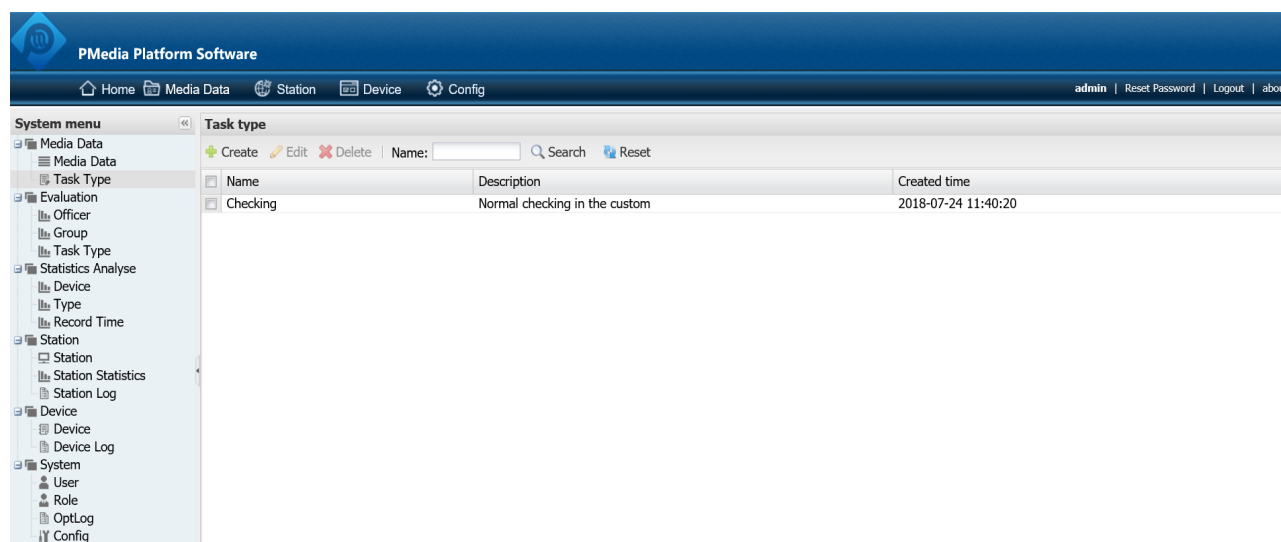
The screenshot displays the PMedia Platform Software Media Data management interface. The top navigation bar includes Home, Media Data, Station, Device, and Config. The left sidebar shows the System menu with options like Media Data, Evaluation, Statistics Analyse, Station, Device, System, User, Role, OptLog, and Config. The main content area is divided into several sections:

- Search and Filter**: Fields for Office number, Full name, and a search button. Below are filters for Group, Included, File byname, Definition, AUTO tag, Between, to, Recorded from, to, Manual tag, Type, Device ID, Description, and Uploaded station.
- Media Data Table**: A table listing uploaded media data with columns: Office number, Full name, Group name, Type, File name, File byname, Uploaded station, Task type, Size, Video duration, and Import time.

Office number	Full name	Group name	Type	File name	File byname	Uploaded station	Task type	Size	Video duration	Import time
hda8	20180724122225_H...	hda8@1970-01-01 05:11:...	Video	20180724122225_H...	hda8@1970-01-01 05:11:...	1020.38M	10Minute0Sec...	1970-01-01		
hda11	20180708055814_H...	hda11@1970-01-01 05:11:...	Video	20180708055814_H...	hda11@1970-01-01 05:11:...	880.38M	10Minute0Sec...	1970-01-01		
hda12	20180719203413_H...	hda12@1970-01-01 05:08:...	Video	20180719203413_H...	hda12@1970-01-01 05:08:...	880.38M	10Minute0Sec...	1970-01-01		
hda11	20180708054815_H...	hda11@1970-01-01 05:07:...	Video	20180708054815_H...	hda11@1970-01-01 05:07:...	880.38M	10Minute0Sec...	1970-01-01		
hda8	20180724121224_H...	hda8@1970-01-01 05:06:...	Video	20180724121224_H...	hda8@1970-01-01 05:06:...	1020.38M	10Minute0Sec...	1970-01-01		
hda12	20180719202413_H...	hda12@1970-01-01 05:04:...	Video	20180719202413_H...	hda12@1970-01-01 05:04:...	880.38M	10Minute0Sec...	1970-01-01		
hda11	20180708053815_H...	hda11@1970-01-01 05:03:...	Video	20180708053815_H...	hda11@1970-01-01 05:03:...	880.38M	10Minute0Sec...	1970-01-01		
hda8	20180724120224_H...	hda8@1970-01-01 05:02:...	Video	20180724120224_H...	hda8@1970-01-01 05:02:...	1020.38M	10Minute0Sec...	1970-01-01		
hda12	20180719201412_H...	hda12@1970-01-01 05:00:...	Video	20180719201412_H...	hda12@1970-01-01 05:00:...	880.38M	10Minute0Sec...	1970-01-01		
hda11	20180708052814_H...	hda11@1970-01-01 04:59:...	Video	20180708052814_H...	hda11@1970-01-01 04:59:...	880.38M	10Minute0Sec...	1970-01-01		
hda8	20180724115225_H...	hda8@1970-01-01 04:57:...	Video	20180724115225_H...	hda8@1970-01-01 04:57:...	1020.38M	10Minute0Sec...	1970-01-01		
hda12	20180719200410_H...	hda12@1970-01-01 04:57:...	Video	20180719200410_H...	hda12@1970-01-01 04:57:...	880.38M	10Minute0Sec...	1970-01-01		
hda11	20180708051815_H...	hda11@1970-01-01 04:55:...	Video	20180708051815_H...	hda11@1970-01-01 04:55:...	880.38M	10Minute0Sec...	1970-01-01		
hda8	20180724114224_H...	hda8@1970-01-01 04:53:...	Video	20180724114224_H...	hda8@1970-01-01 04:53:...	1020.38M	10Minute0Sec...	1970-01-01		
hda12	20180719185416_H...	hda12@1970-01-01 04:53:...	Audio	20180719185416_H...	hda12@1970-01-01 04:53:...	192.61M	1970-01-01			
hda12	20180719184421_H...	hda12@1970-01-01 04:52:...	Video	20180719184421_H...	hda12@1970-01-01 04:52:...	860.38M	9Minute53Sec...	1970-01-01		
hda11	20180708050815_H...	hda11@1970-01-01 04:51:...	Video	20180708050815_H...	hda11@1970-01-01 04:51:...	880.38M	10Minute0Sec...	1970-01-01		

2) Task Type

You can manage different type of tasks here, which can associate with different files . For defining different data type.



No.	Interface	Description
1	Name	the name of task, define different task contents.
2	Description	the detailed description for the new task

6.2 Evaluation

1) Officer

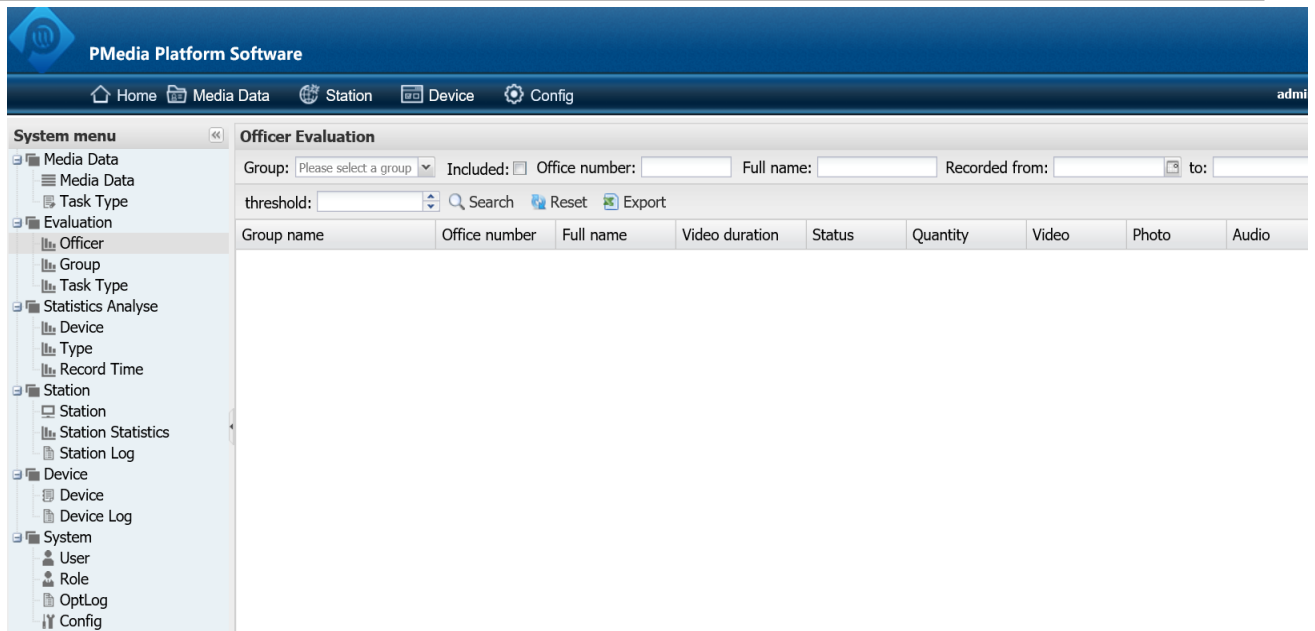
Here you can check data statistics in details, it includes Group name, office number, Full name, Video duration, Status, Quantity, Video, Photo, Audio.

2) Group

Here you can check data statistics in Group. It includes Group name, Officer, Video duration, Quantity, Video, Photo and Audio.

3) Task Type

Here you can check data statistics in task type. It includes Group name, Office number, Full name and the detailed types.



6.3 Statistics Analyse

In this interface, you can analyze the records in different types:

1) Device

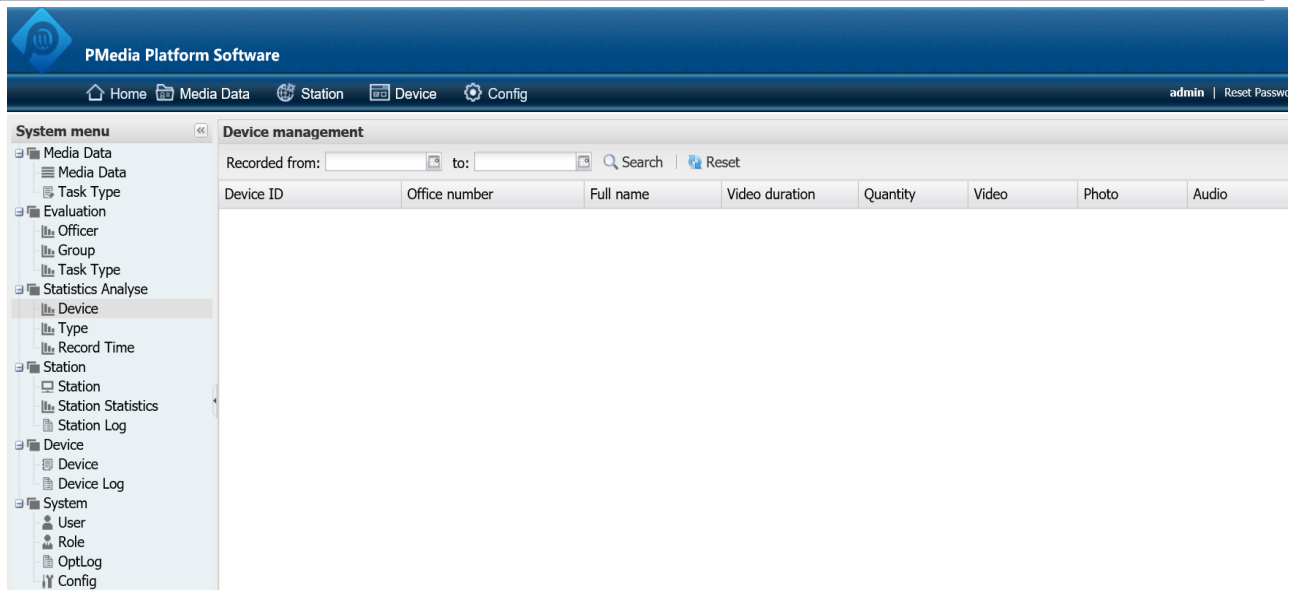
Search the records with time quantum, you can get the detailed info. listing by Device ID. It includes Device ID, Officer ID, Full name, Video duration, Quantity, Video and Photo.

2) Type

Search the records with time quantum, you can get the detailed info. listing by Task type. It includes Task type, Video duration, Quantity, Video, Photo and Audio. And there are charts to show the result.

3) Record Time

Search the records with time quantum, you can get the detailed info. listing by Recording time. It includes Recording time, Video duration, Quantity, Video, Photo and Audio.



6.4 Station

1) Station

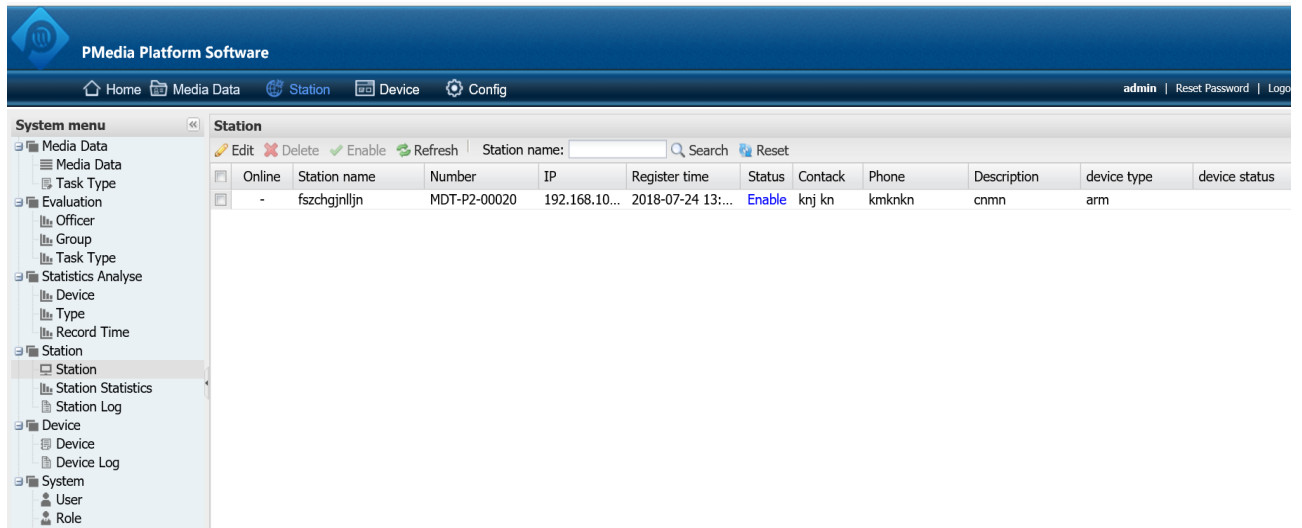
When the docking station is connected to the server, it will show the information, and then click the “Enable” button to enable the status of the docking station.

2) Station statistics

In this part, it will show the information that of the docking station, such as, which docking station uploaded files, how many files, when is the file recorded and uploaded, and so on.

3) Station Log

You can check the station’s operation log for adjusting the management solution. It includes Station Number, Device ID, Operation, Operation time. The operations includes station on/off, device connection and disconnected and so on.



6.5 Device

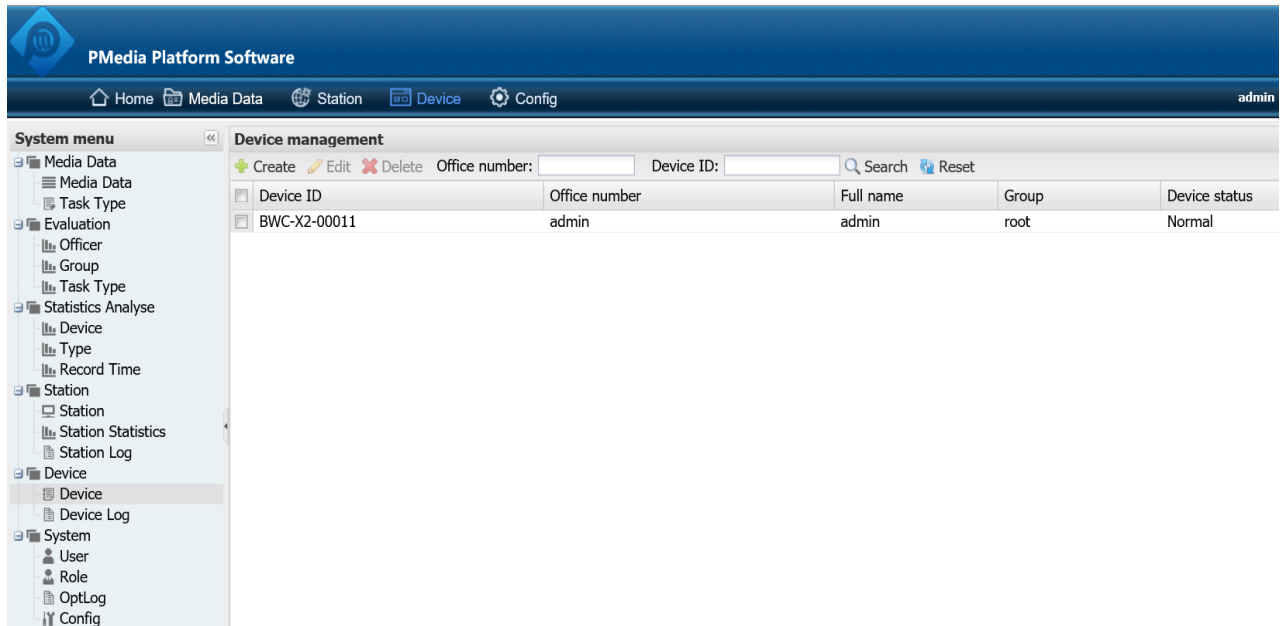
1) Device

Here you can manage the devices, it includes creating , editing, deleting and searching devices. The information includes device ID, Office number, Full name, Group, Device status and register time.

No.	Interface	Description
1	Device ID	The device ID number
2	Office number	The office ID number
3	Device status	Normal, Maintainence, Failed, Delete

2) Device Log

Here you can check and download the device logs for management in details. It includes Device ID, Station number ,Log type, File name and Import time.



6.6 User

- **Description:**

This part includes User management and Group management.

- **Operation:**

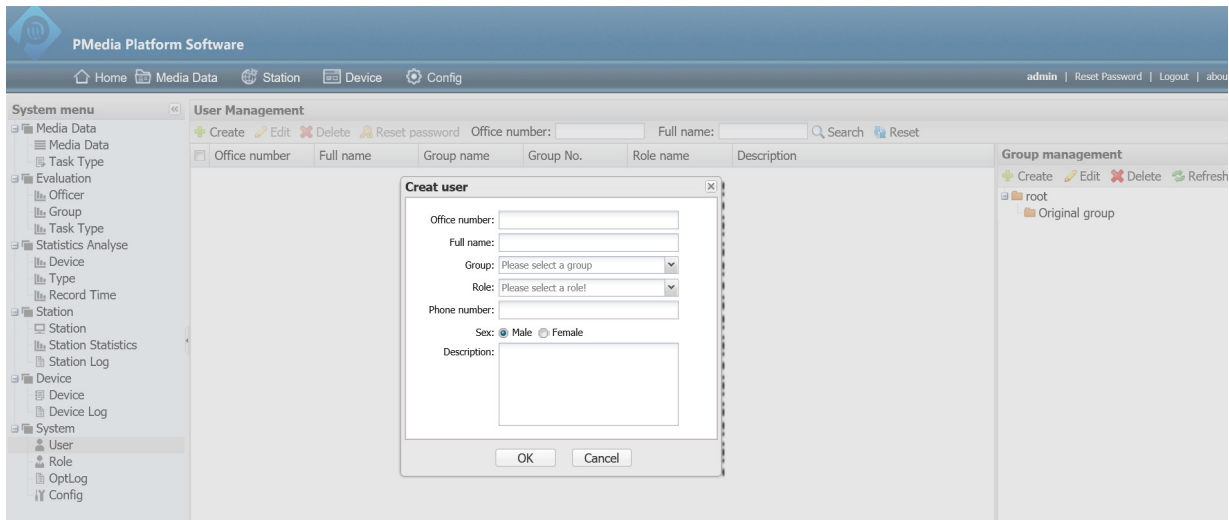
Step1. In **User Management**, Click **【Create】** to Create a user, and you need to fill in the following information

Name	content	Remarks
Office number	The office number must synchronize with Police ID in the device.	Required
Full name	The police's name	Required
Group	Set one group to police	Required
Role	Choose one role for each police, different roles have different permissions.	Optional
Phone number	The police's phone number	Optional
Sex	The police's sex	Optional
Description	You can enter description for this police in details	Optional

Step2. In Group management, select one group first , then click **【Create】** to Create a new group under it.

Step3. For example, select group “RC01”, then click **【Create】** , new group is 20171212, then save it.

Step4. Select one group first ,then click **【Edit】** , **【Delete】** , **【Refresh】** to handle it.



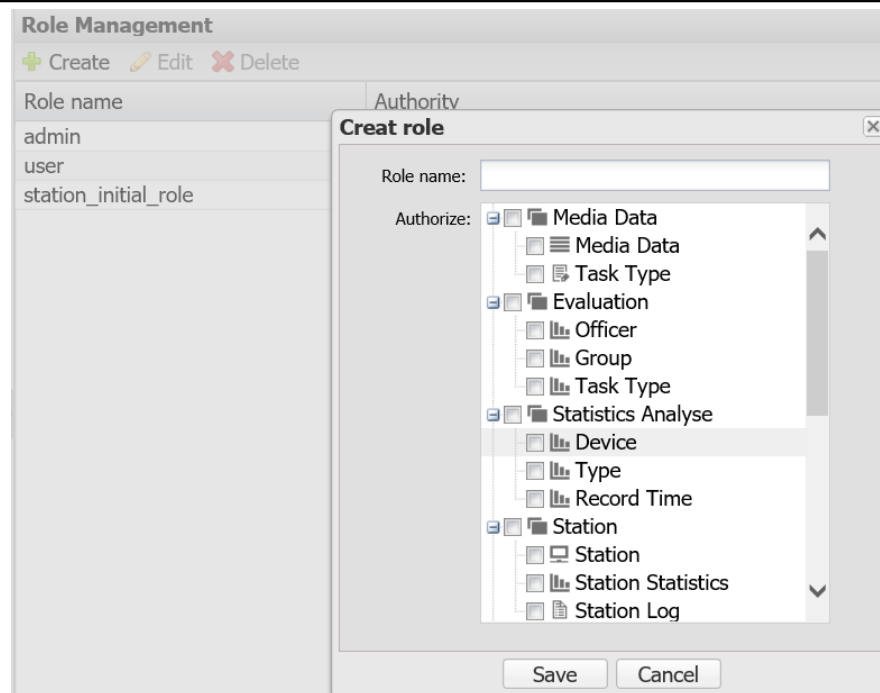
6.7 Role

- **Description:**

This part includes Role management, you can Create, edit and delete roles for different authority management.

- **Operation:**

Step1. If you are an administrator, click **【Create】** to Create a new role, then select right permissions for it.



6.8 Optlog

- **Description:**

This part includes operation log management. You can check and manage the operation logs.

- **Operation:**

Step1. Enter the query information ,and click **【Search】** , then you can get the logs quickly.

Operation log						
		System menu:	Office number:	Full name:	From:	to:
		Select				
☐	System menu	Media Data	Description	Operation user	Full name	IP
☒	System	Login	admin	admin	admin	119.137.55.112
☐	System	Logout	test	test	test	119.137.55.112
☐	System	Login	test	test	test	119.137.55.112
☐	System	Logout	admin	admin	admin	119.137.55.112
☐	Media Data	List	Search data	123456	123456	183.62.140.146
☐	System	Login	123456	123456	123456	183.62.140.146
☐	System	Login	H400063	H400063	admin	183.62.140.146
☐	System	Login	P0023	P0023	CA0023	183.62.140.146
☐	System	Login	P0023	P0023	CA0023	183.62.140.146
☐	System	Login	admin	admin	admin	119.137.55.112
☐	System	Logout	admin	admin	admin	119.137.55.112

6.9 Config

- **Description:**

This part includes System backup, Delete log, Data cleaning, System name, Upload setting and Other functions.


PMedia Platform Software

Home Media Data Station Device Config

System menu

- Media Data
 - Media Data
- Task Type
- Evaluation
 - Officer
 - Group
 - Task Type
- Statistics Analyse
 - Device
 - Type
 - Record Time
- Station
 - Station
 - Station Statistics
 - Station Log
- Device
 - Device
 - Device Log
- System
 - User
 - Role
 - OptLog
 - Config**

System settings

Refresh | Save

System backup

Auto backup cycle: One week

Last backup time:

System restore: Restore

Manual backup: Manual backup

Manual restore: Select a backup file

Delete log

Operation log: ☐ One month ago ☐ Three months ago ☐ Half year ago ☐ One year ago ☒ Not delete

Device log: ☐ One month ago ☐ Three months ago ☐ Half year ago ☒ One year ago

Station log: ☐ One month ago ☐ Three months ago ☐ Half year ago ☒ One year ago

Data cleaning

Clear Cycle(Day): 0

Immediately clear: Immediately clear

Disk space: D:84%

System name

● **Operation:**

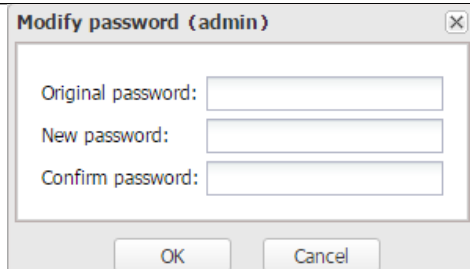
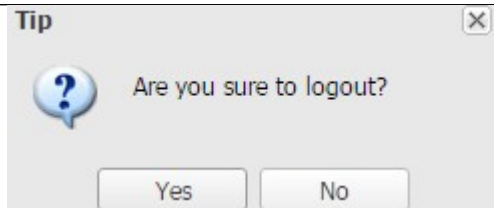
Step1. Set the correct values, and click **【save】** to save it.

Type	Option	Description
System backup	Auto backup cycle	Options : Everyday, one week, Two weeks, One month, Not backup
	Last backup time	the time of last backup data
	System restore	System restore function
	Manual backup	Backup data manually
	Manual restore	Restore the data manually
Delete log	Operation log	Options: One month ago, three months ago, half year ago, one year ago, not delete
	Device log	Options: One month ago, three months ago, half year ago, one year ago
	Station log	One month ago, three months ago, half year ago, one year

		ago
Data cleaning	Clear Cycle	Enter an value “days”, it will clean data “days” ago
	Immediately clear	Clear the data immediately
	Disk space	The disk space of your server
System name	Group name	Enter the group name here
	System name	Enter the system name here
Upload setting	Index upload	Disable or Enable
	File upload	Disable or Enable
	Log upload	Disable or Enable
	Rigister	Register a work station
Other	System upgrade	Select the update file to update system
	User import	Import the existed users
	Timed task time	The time(hour) set for executing task
	Home page	Display mode: Demo graph or System data chart

6.10 Other options

[admin](#) | [Reset Password](#) | [Logout](#) | [about](#)

admin	The current administrator's name	
Reset Password	Reset the password of the administrator	
Logout	System log off	

about	Software version	About  PMedia Platform Software version : V5.170731.H.4G PM :
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7. FAQ

7.1 Installation error