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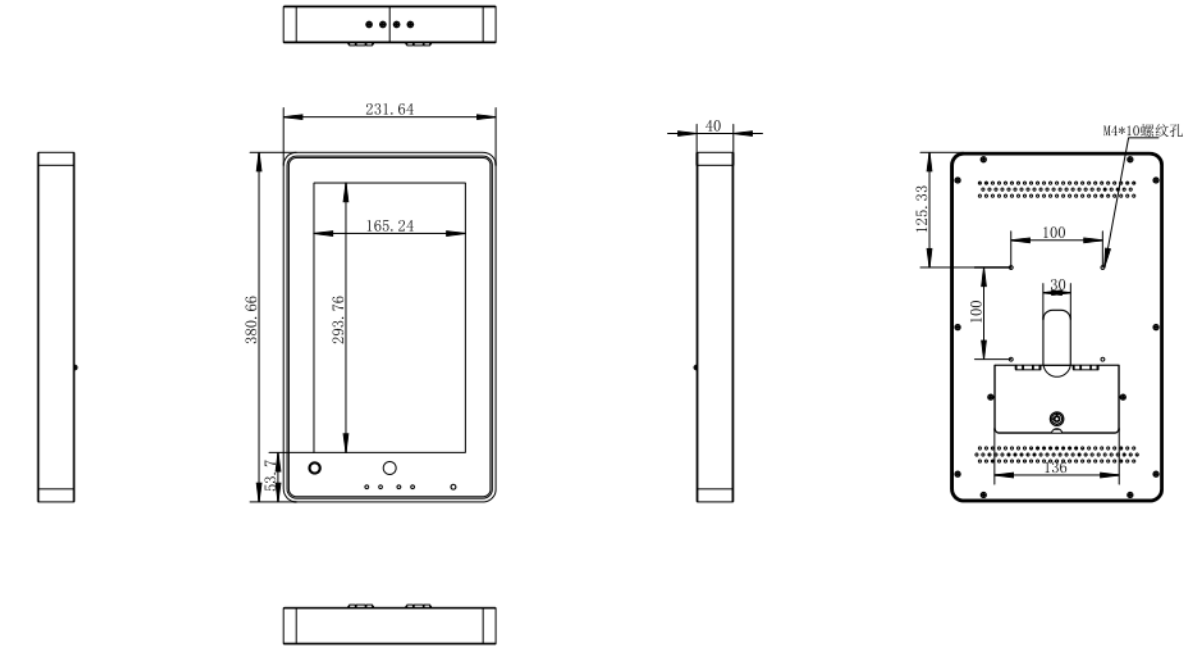
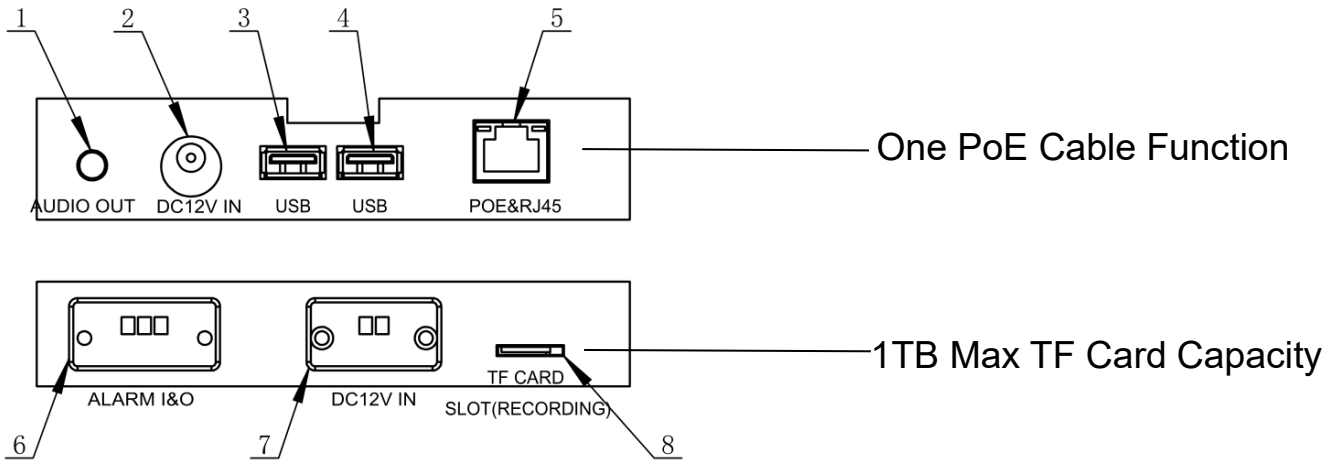
Contact Gago
- Address: No.66, Minxin Road, Dalingshan Town, Dongguan (523000)
- Gago Keep the Right of Manual Changes without Notifications.

1. Smart AD PVM Interface Explanation



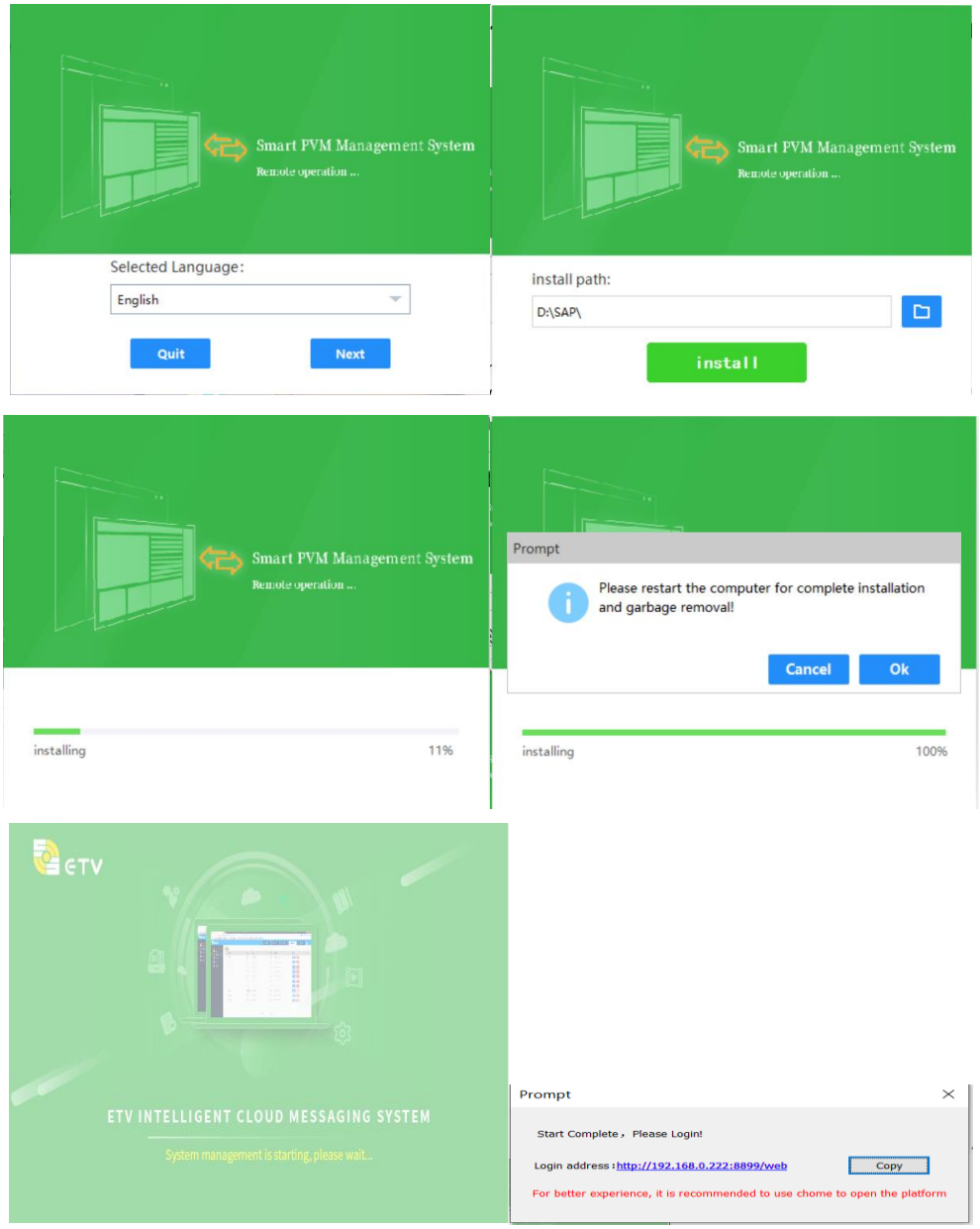


Noting:

1. We do not suggest to use USB ports unless customers need to make Smart AD PVM work standalone; And when standalone, please operate as the manual shown.
2. Our Smart AD PVM has upgraded to be ONE POE CABLE FUNCTION, do not need 2 RJ45 for whole device;
3. We have upgraded to support “Face Detection”. Face detection will result the program scenes switch according to “No face” and “Face Detected”;
4. We have upgraded to support CGI commands to switch program scenes.

2.1 CMS Introduction-Background Management

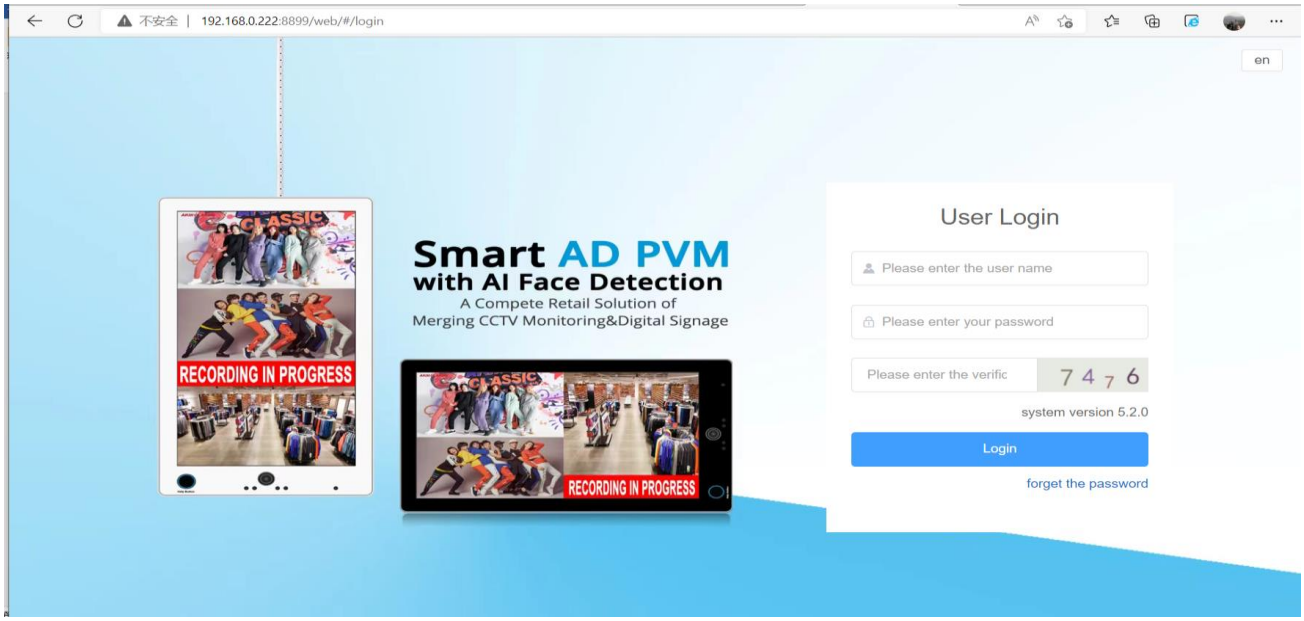
2.1.1 Installation



2.1.2 Login

Default account: admin password: admin (illustrated below)

Click ‘Resource Download’ at the upper left corner to enter ‘Usage Instruction Manual’ (software operation video, document download, apk download, server download), drag slipper section to authenticate.

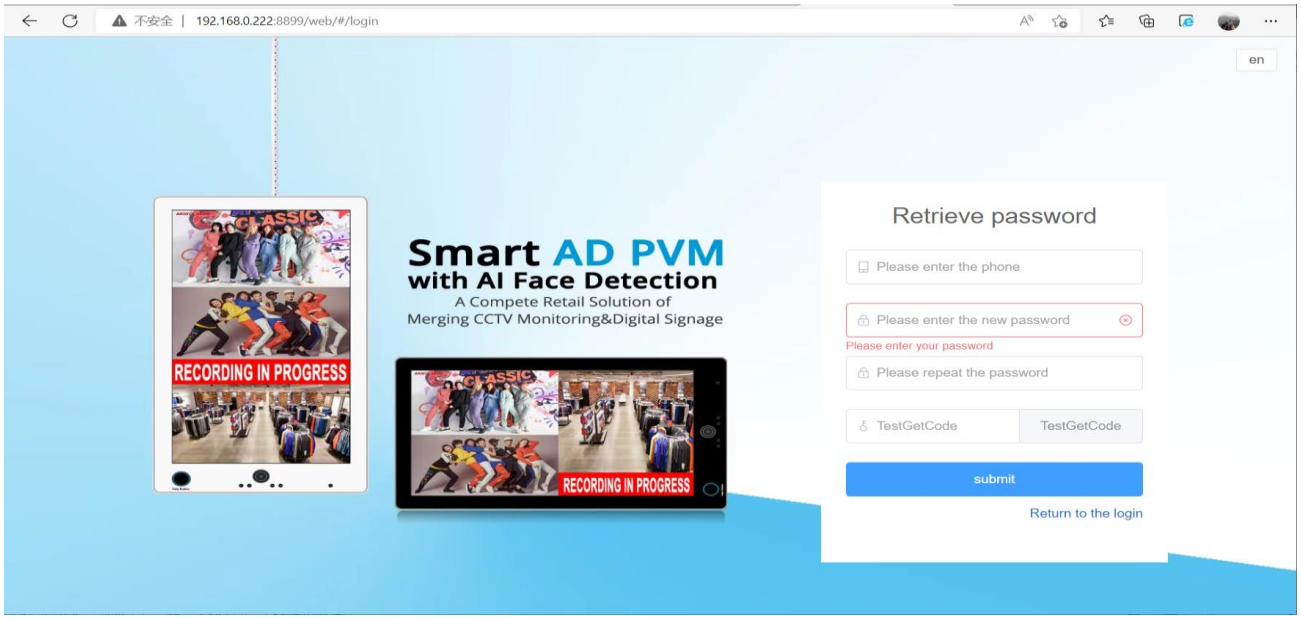


2.1.3 Retrieve Password

if you forgot account or password, you can click forget password on login interface to retrieve password (Illustrated below).

Input your telephone number, new password, repeat password and captcha.

Click “Submit”.



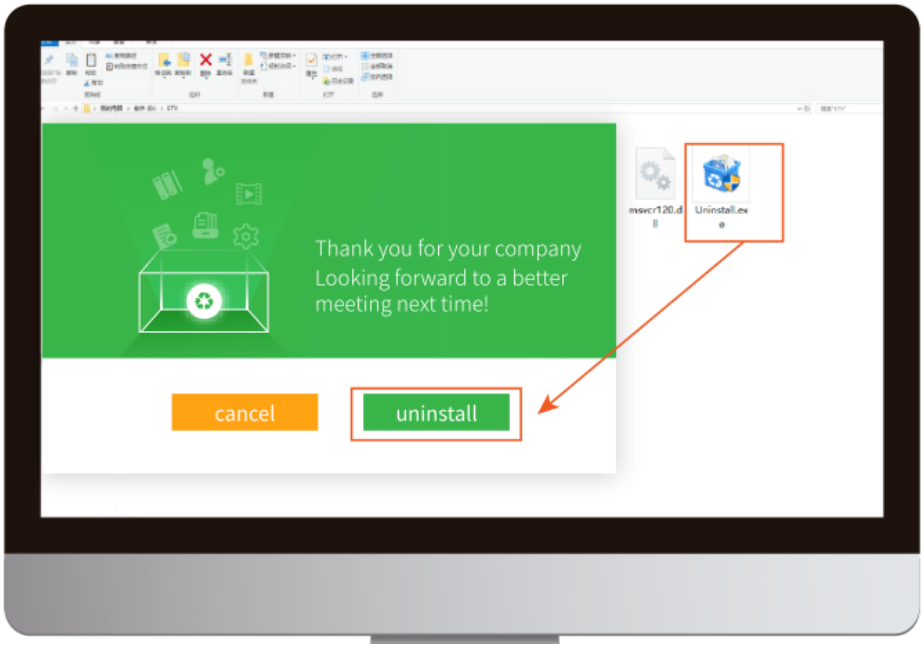
2.1.4 Server Update (Browser cache should be cleaned after updating server)

2.1.4.1 Uninstall Update

Uninstall: step 1: click right mouse button at the ETV icon
step 2: choose open file location
step 3: double click uninstall.exe and click uninstall

Reboot: after completely uninstalling, computer will reboot

Install: click updated ETVSetup.exe, reinstall system according instructions given above.



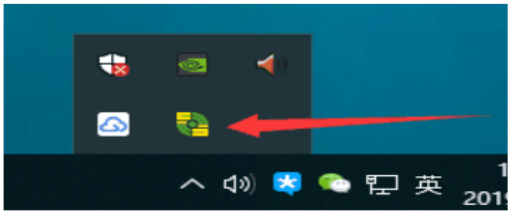
2.1.4.2 No-Border Update

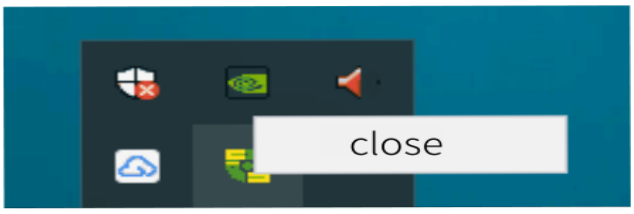
Click hidden icon and find ETV system icon.

Click right mouse button (illustrated below)

Enter the installation path of ETV system on server， delete and replace new program package.

Double click icon to launch ETV system.

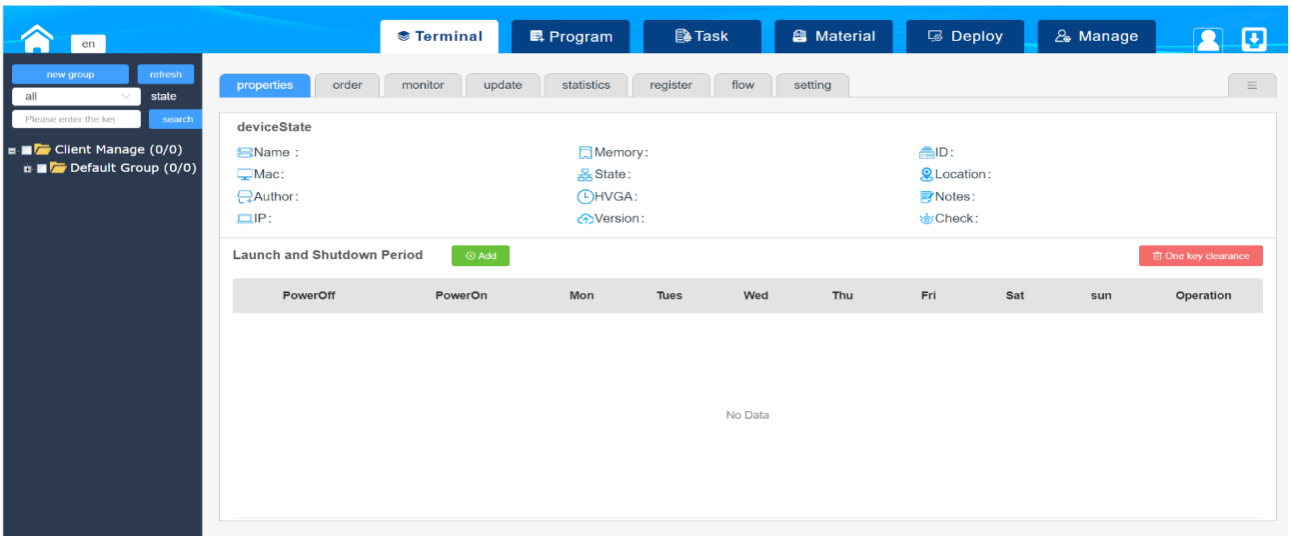


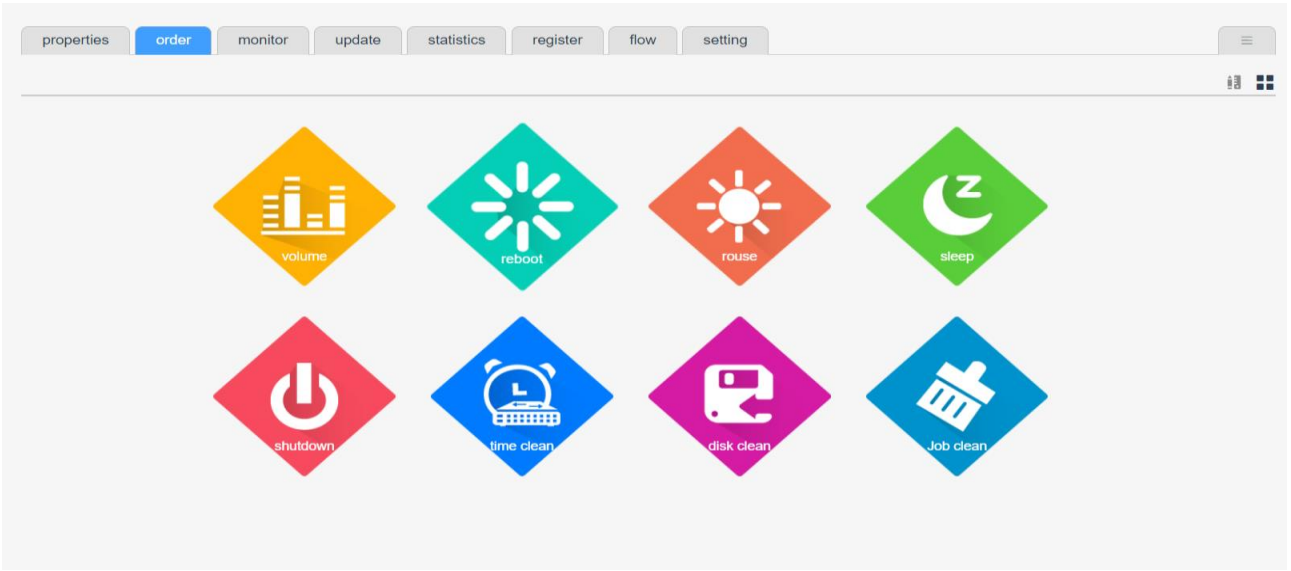


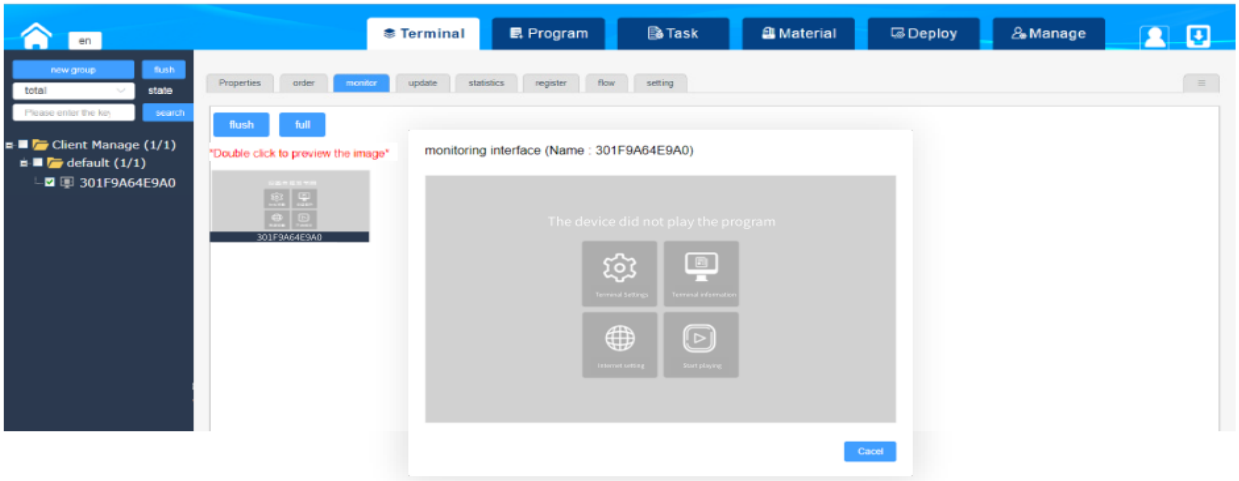
2.2 CMS Introduction- Terminal Management

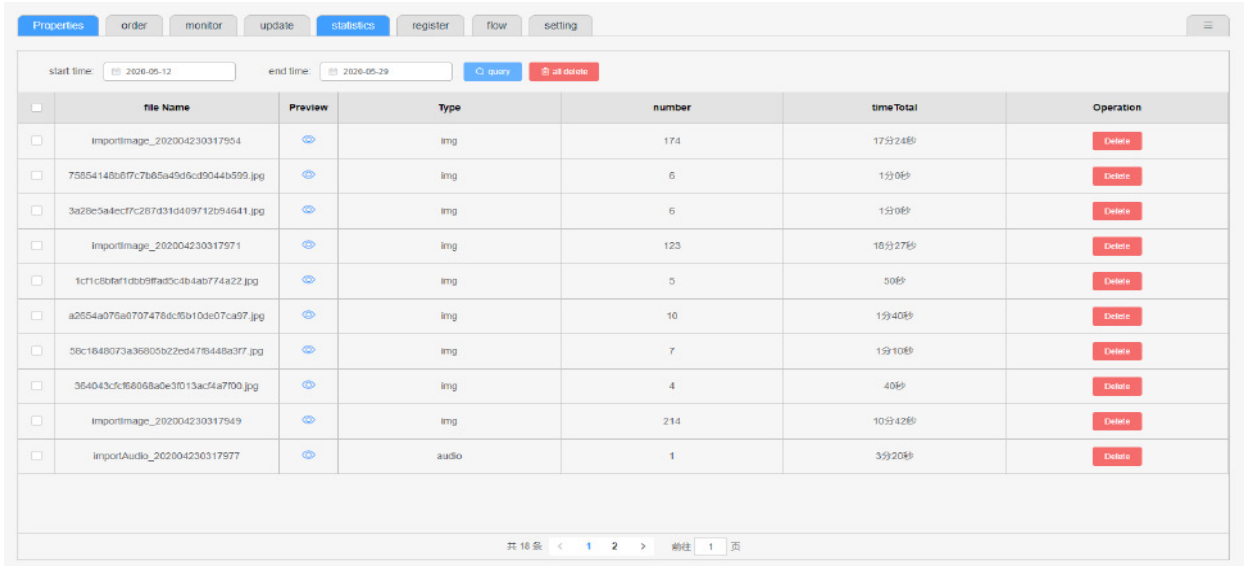
Main Functions:

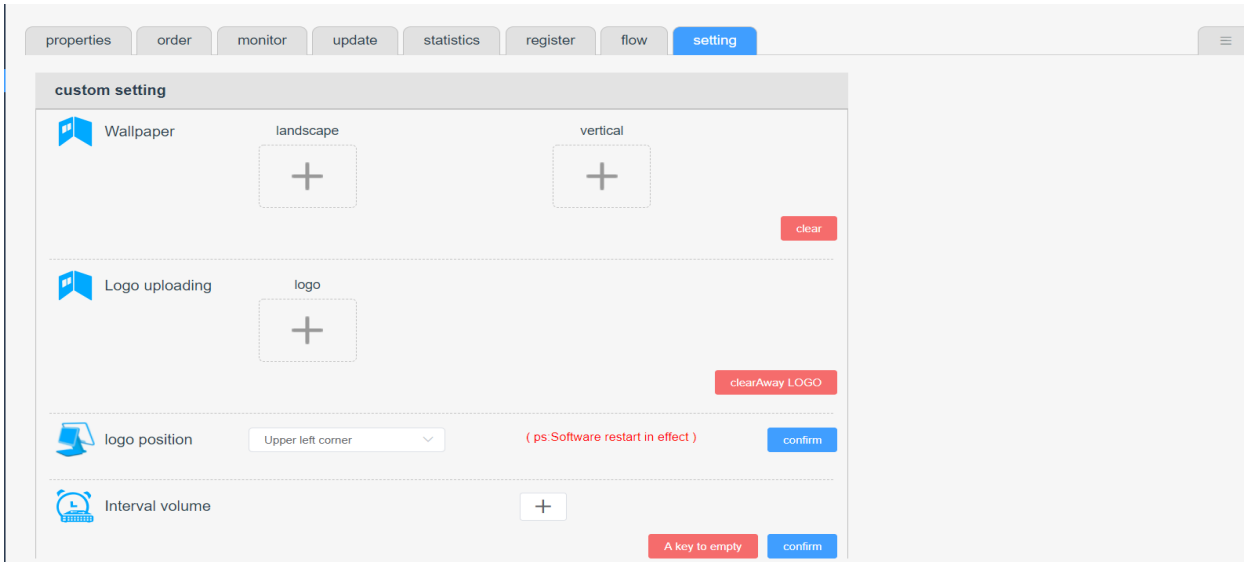
1. Properties
2. Order (Volume, Reboot, Rouse, Sleep, Shutdown, Time clean, Disk clean, Job clean)
3. Monitor
4. Update
5. Statistics
6. Register
7. Flow
8. Setting (Custom setting like Wallpaper, Logo, Interval volume, Daemon time, Video show, Image show, PDF show, etc)






Terminal
Program
Task
Material
Deploy
Manage
Client Manage (1/1)
default (1/1)
301F9A64E9A0
flush
full
"Double click to preview the image"
monitoring interface (Name : 301F9A64E9A0)
The device did not play the program
Cacel

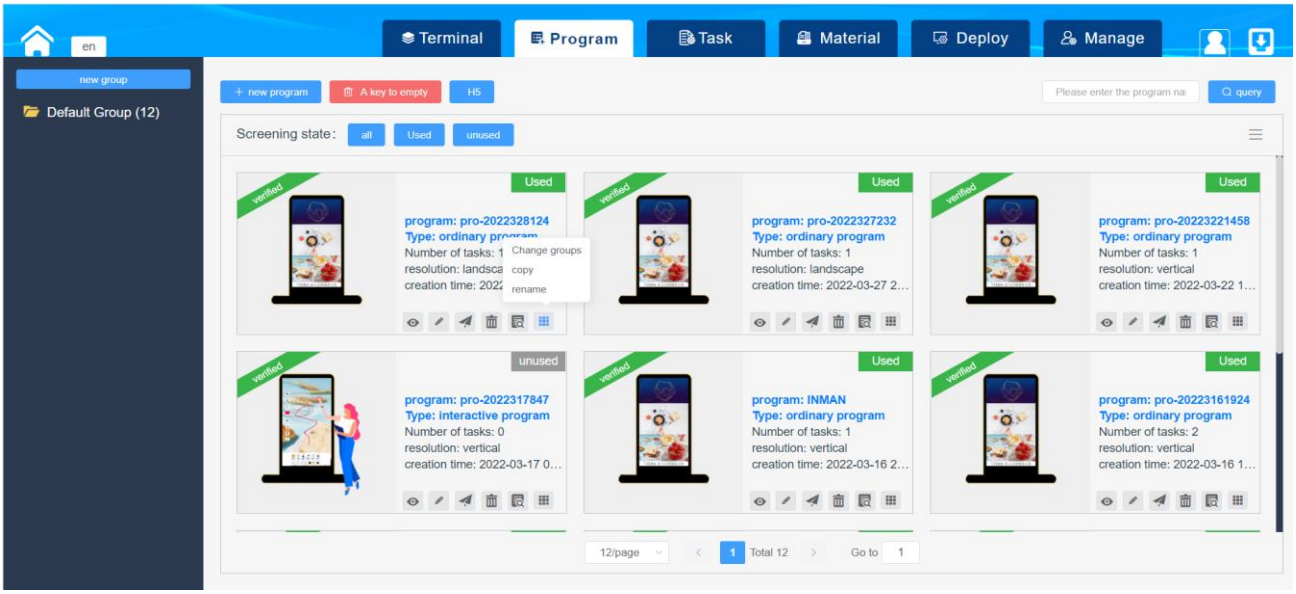

Properties
order
monitor
update
statistics
register
flow
setting
start time:
end time:
query
all delete
file Name
Preview
Type
number
timeTotal
Operation
Delete


properties
order
monitor
update
statistics
register
flow
setting
custom setting
Wallpaper
landscape
vertical
clear
Logo uploading
logo
clearAway LOGO
logo position
Upper left corner
(ps:Software restart in effect)
confirm
Interval volume
A key to empty
confirm

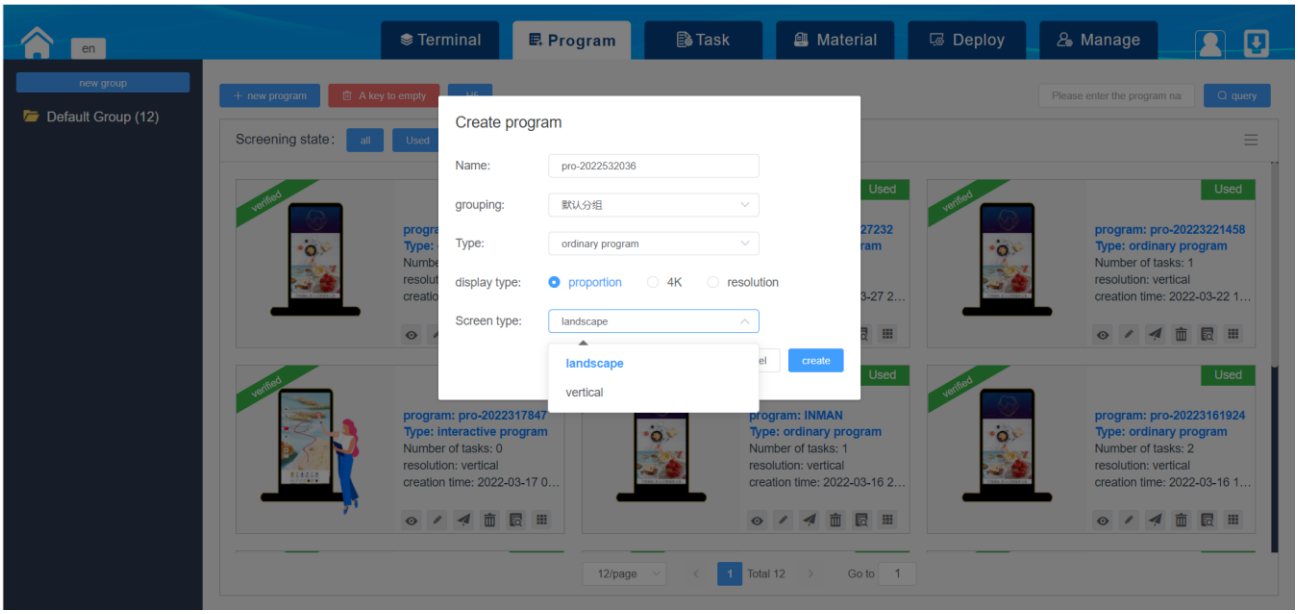
2.3 CMS Introduction-Program Management

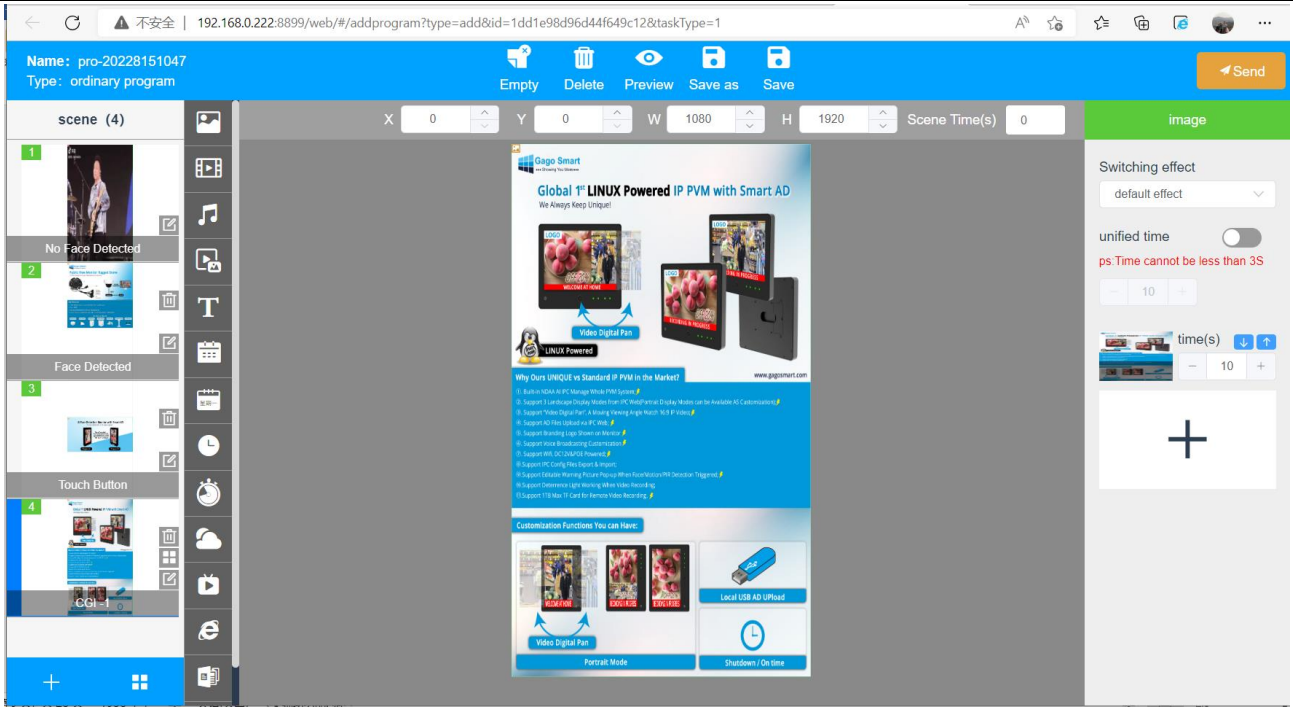
After uploading resources need to be played, Program could be made. Operation procedure are followings:

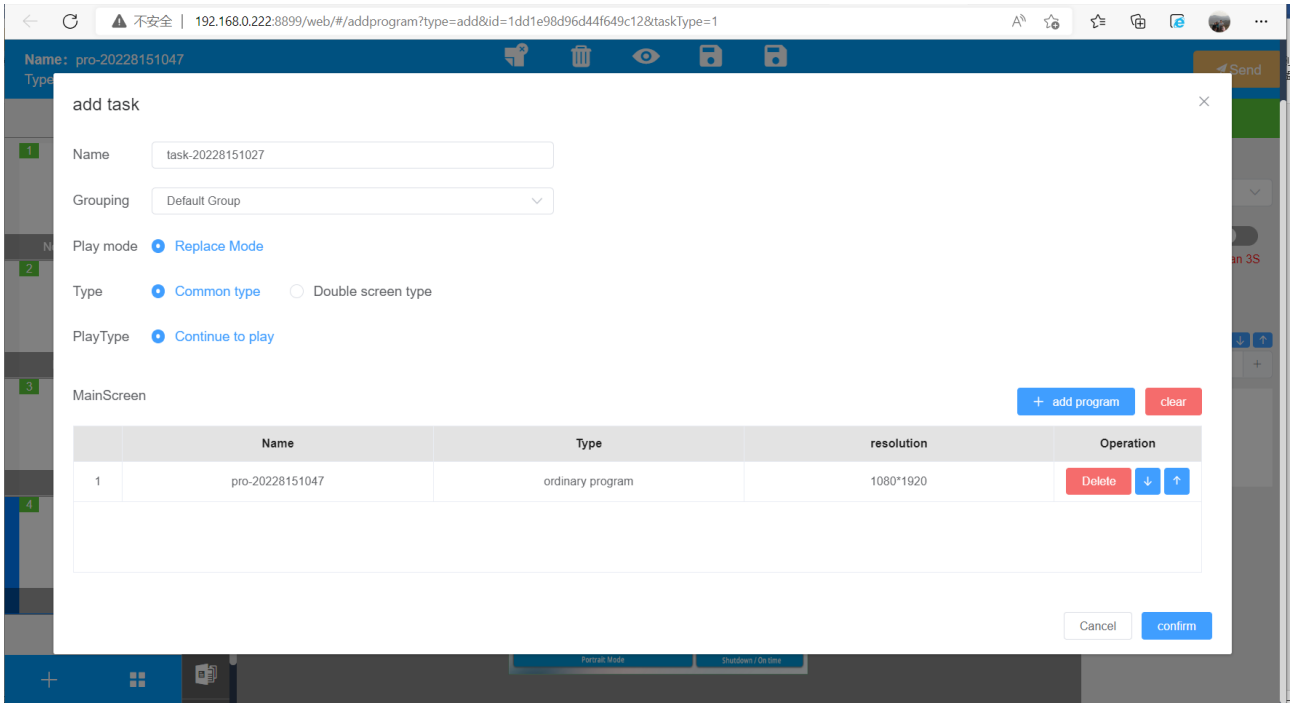
1. Program Information: Display made program, program name, program type, number of binding tasks, resolution and whether program is approved
2. New Program: create a new program
3. Preview: Preview program which has been made
4. Edit: Modify program which has been made
5. Send: Send program which has been made
6. Delete: delete program which has been made
7. Auditing: Modify the program state of same level

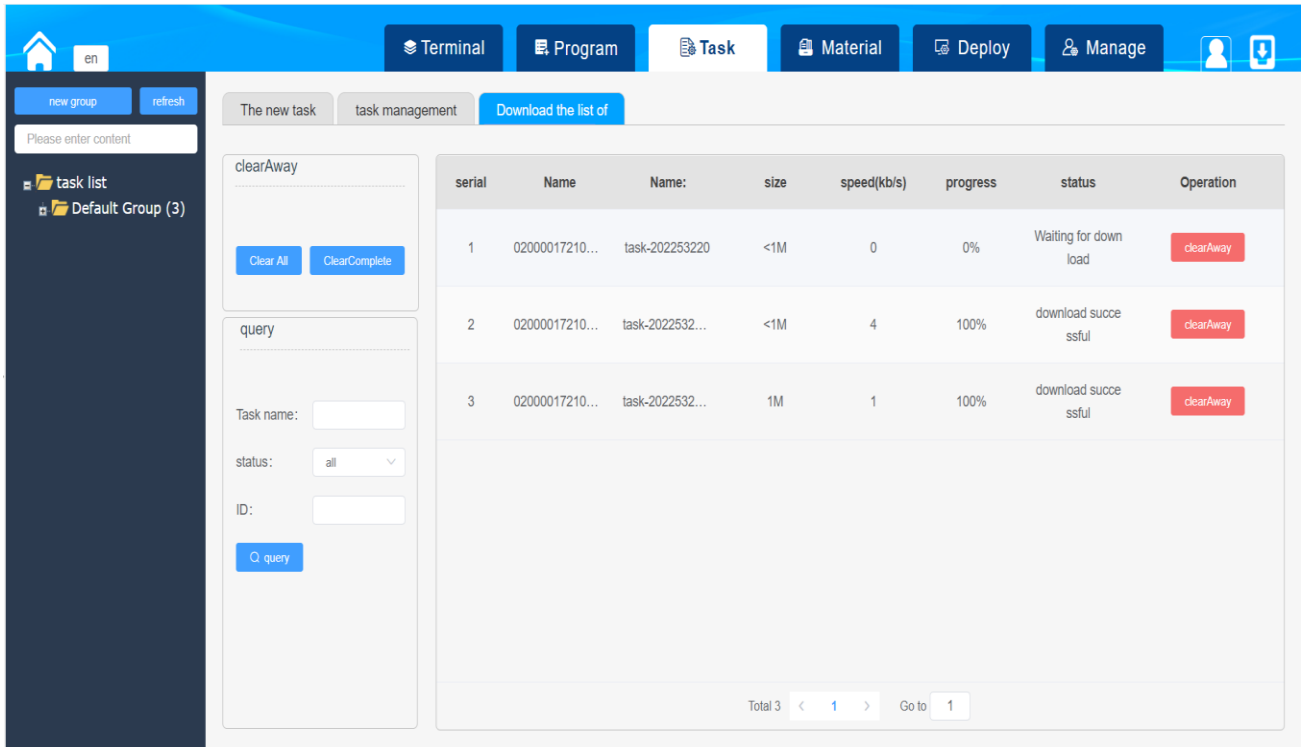


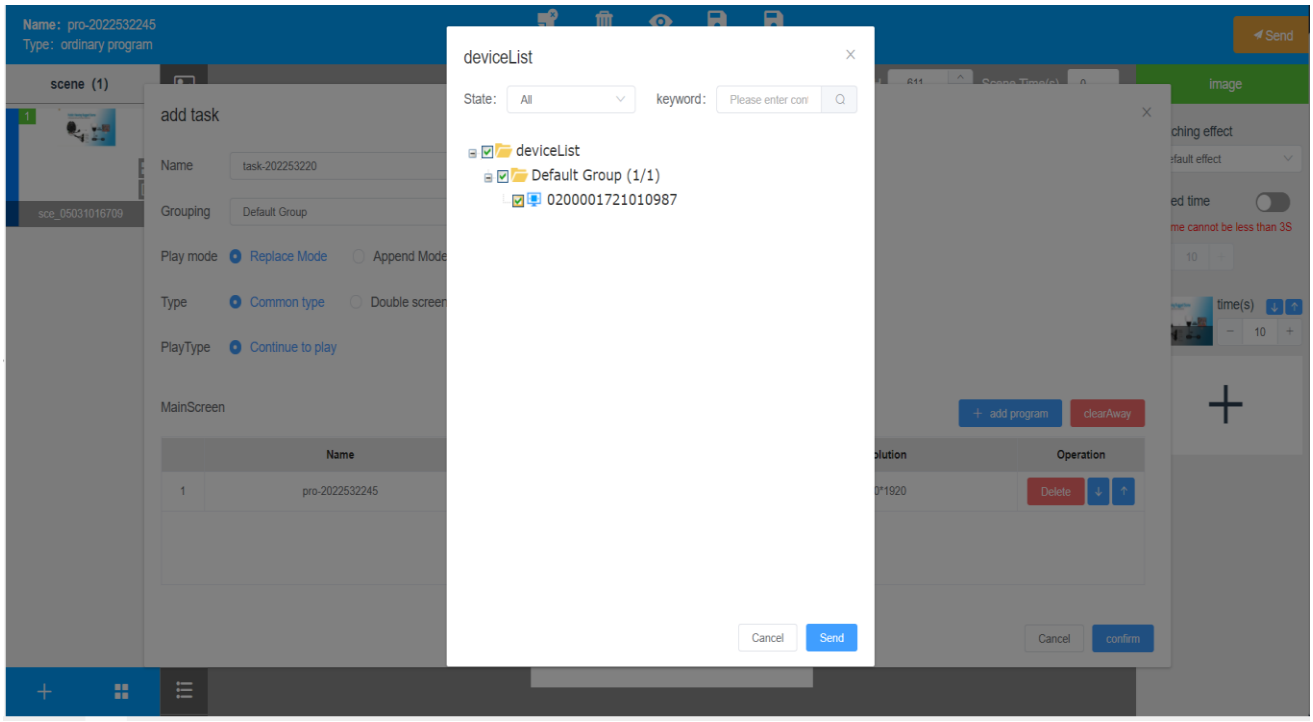
Example How to Make a New Program and Deploy to the Smart AD PVM(Below)

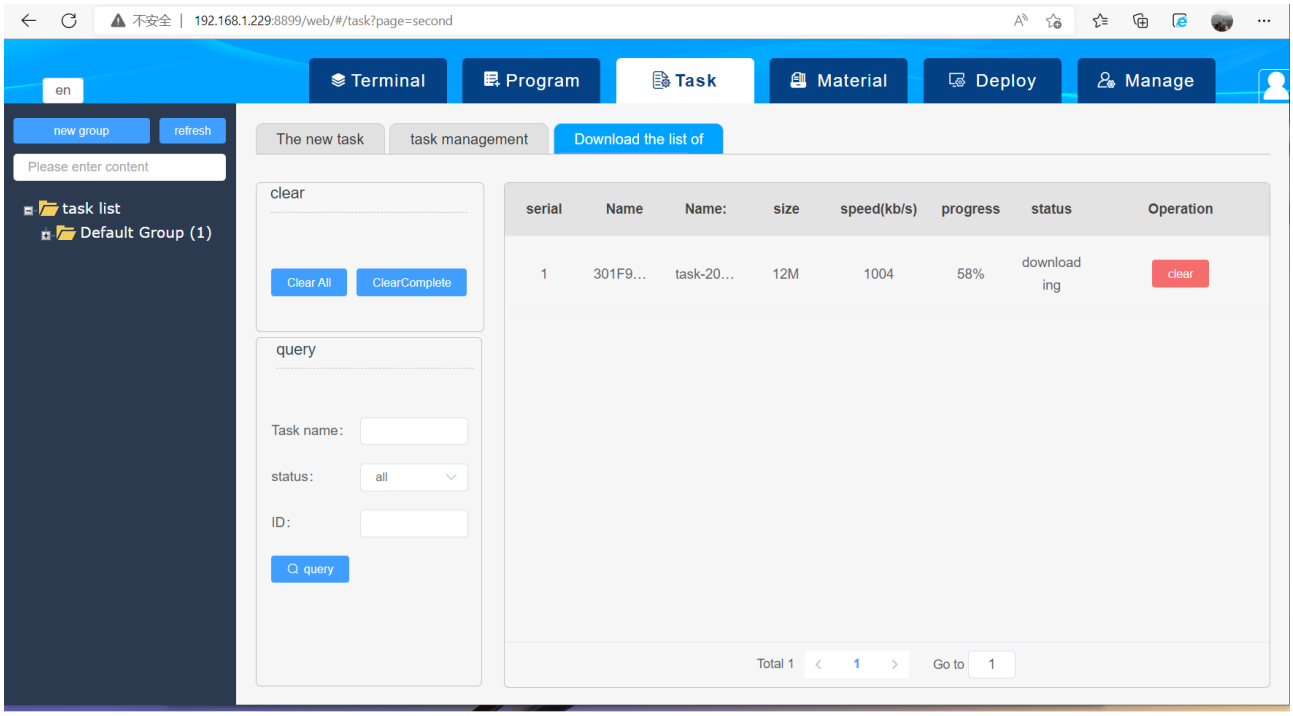



不安全 | 192.168.0.222:8899/web/#/addprogram?type=add&id=1dd1e98d96d44f649c12&taskType=1
Name: pro-20228151047
Type: ordinary program
Empty
Delete
Preview
Save as
Save
Send
scene (4)
No Face Detected
Face Detected
Touch Button
X 0
Y 0
W 1080
H 1920
Scene Time(s) 0
image
Switching effect
default effect
unified time
ps:Time cannot be less than 3S
time(s)
Global 1st LINUX Powered IP PVM with Smart AD
Video Digital Pan
LINUX Powered
Customization Functions You can Have:
Local USB AD UPload
Portrait Mode
Shutdown / On time


不安全 | 192.168.0.222:8899/web/#/addprogram?type=add&id=1dd1e98d96d44f649c12&taskType=1
Name: pro-20228151047
add task
Name
task-20228151027
Grouping
Default Group
Play mode
Replace Mode
Type
Common type
Double screen type
PlayType
Continue to play
MainScreen
+ add program
clear
Name
Type
resolution
Operation
1
pro-20228151047
ordinary program
1080*1920
Delete
Cancel
confirm


en
Terminal
Program
Task
Material
Deploy
Manage
new group
refresh
Please enter content
task list
Default Group (3)
The new task
task management
Download the list of
clearAway
Clear All
ClearComplete
query
Task name:
status:
all
ID:
query
serial
Name
Name:
size
speed(kb/s)
progress
status
Operation
1
02000017210...
task-202253220
<1M
0
0%
Waiting for down load
clearAway
2
02000017210...
task-2022532...
<1M
4
100%
download succe ssful
clearAway
3
02000017210...
task-2022532...
1M
1
100%
download succe ssful
clearAway
Total 3
1
Go to
1


Name: pro-2022532245
Type: ordinary program
Send
scene (1)
add task
Name
task-202253220
Grouping
Default Group
Play mode
Replace Mode
Append Mode
Type
Common type
Double screen
PlayType
Continue to play
MainScreen
Name
1
pro-2022532245
deviceList
State:
All
keyword:
deviceList
Default Group (1/1)
0200001721010987
Cancel
Send
image
add program
clearAway
Operation
Delete
Cancel
confirm



Noting:

1. When you choose “Vertical” screen type and show HDMI IP video on the Smart AD PVM, please ensure the video aspect ratio best is 16:9.

2. If you want to use one program as TEMPLATE, remember to “save as temp”.

3. When you create a new program, one program will contain limited different scenes.
   Scene 1 mean “No Face Detected”;
   Scene 2 mean “Face Detected”;
   Scene 3 mean “Touch Button”;
   Scene 4 mean “CGI-1”;
   Scene 5 mean “CGI-2”;

   ▪

   ▪

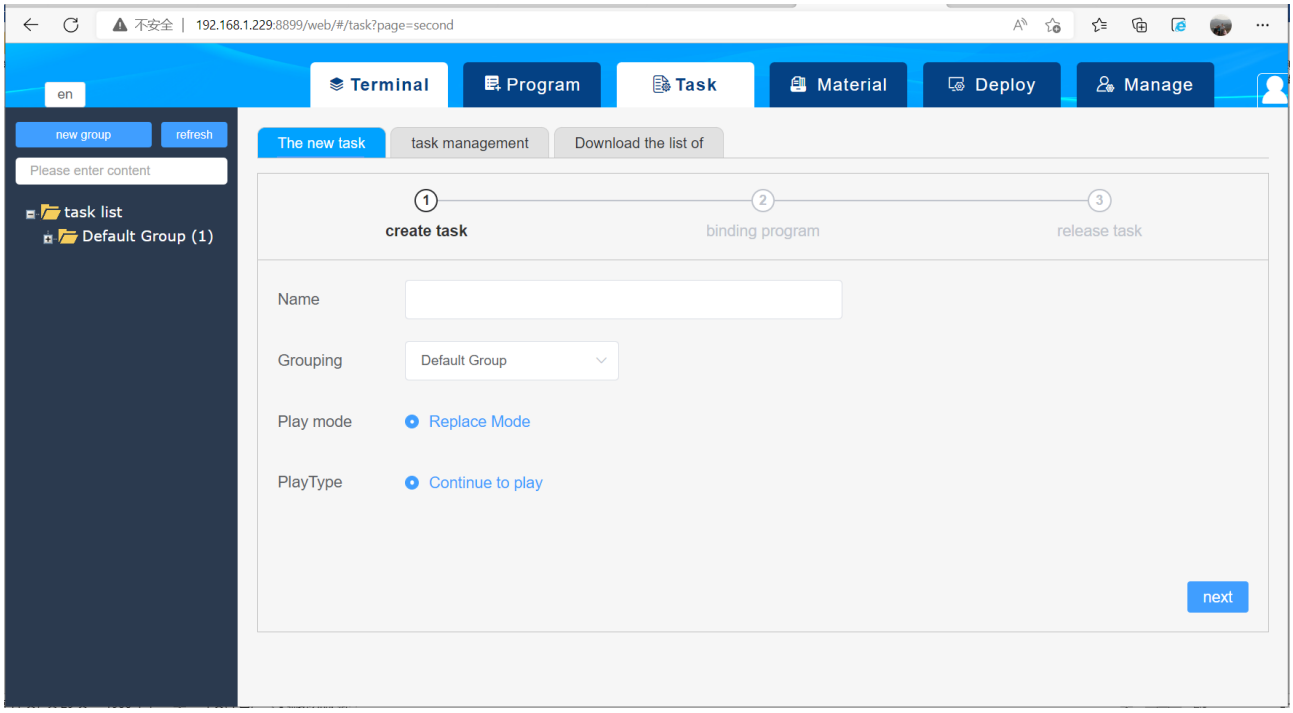
   ▪

   ▪

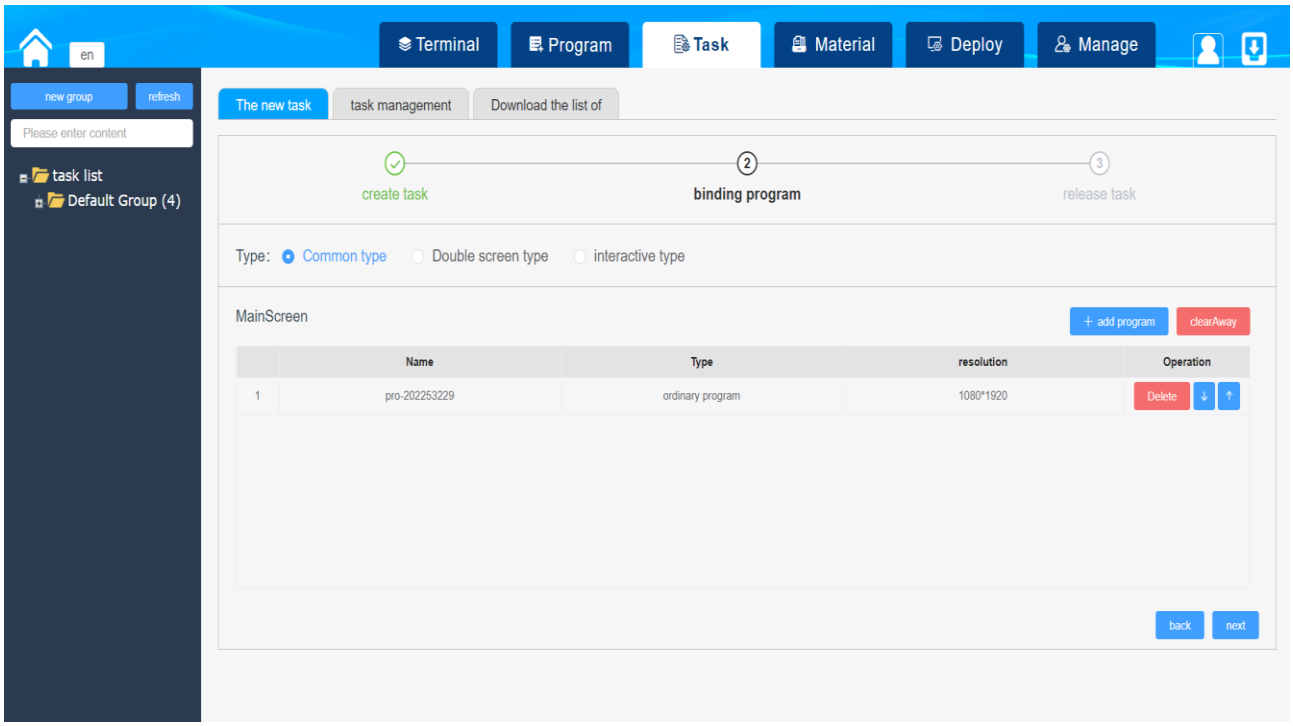
   The name of “Scene” you can edit by yourself.

2.4 CMS Introduction-Task Management

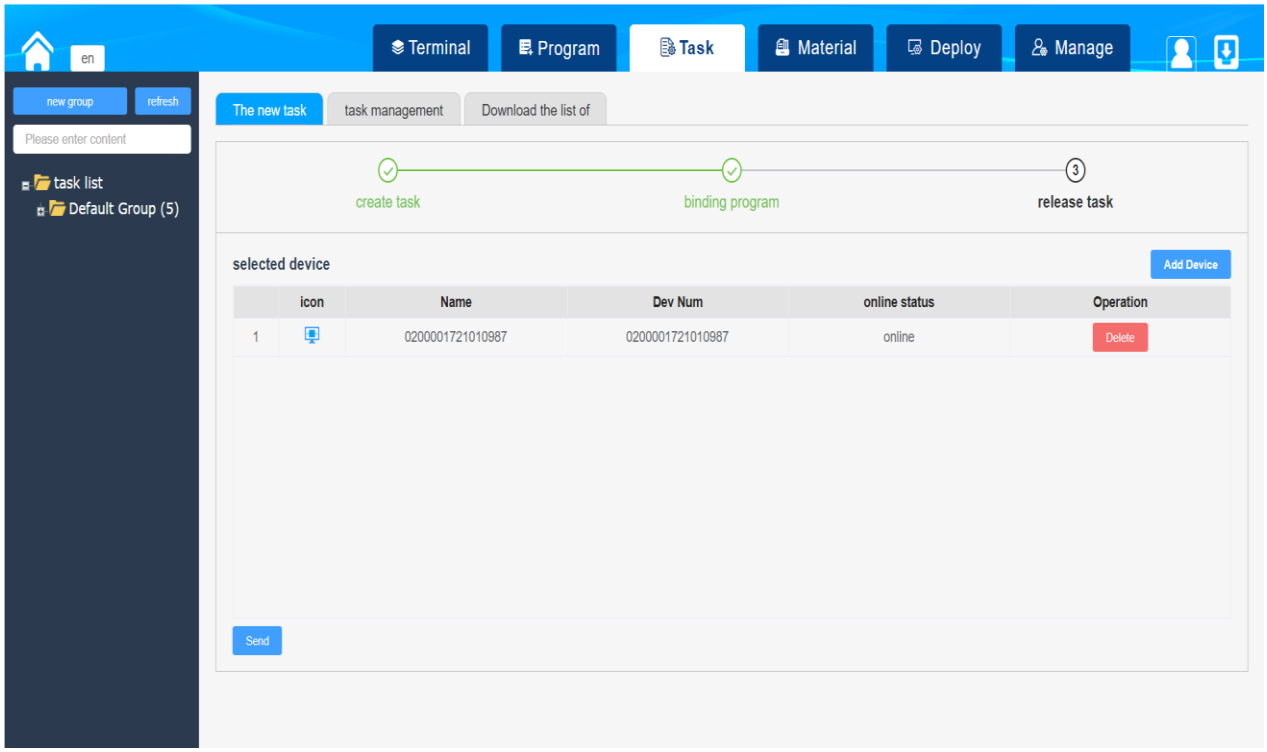
2.4.1 Create Task



2.4.2 Bind to Program



2.4.3 Release Task



2.4.4 Task Management

Click the task from left side group to check the basic information of this task and channel;

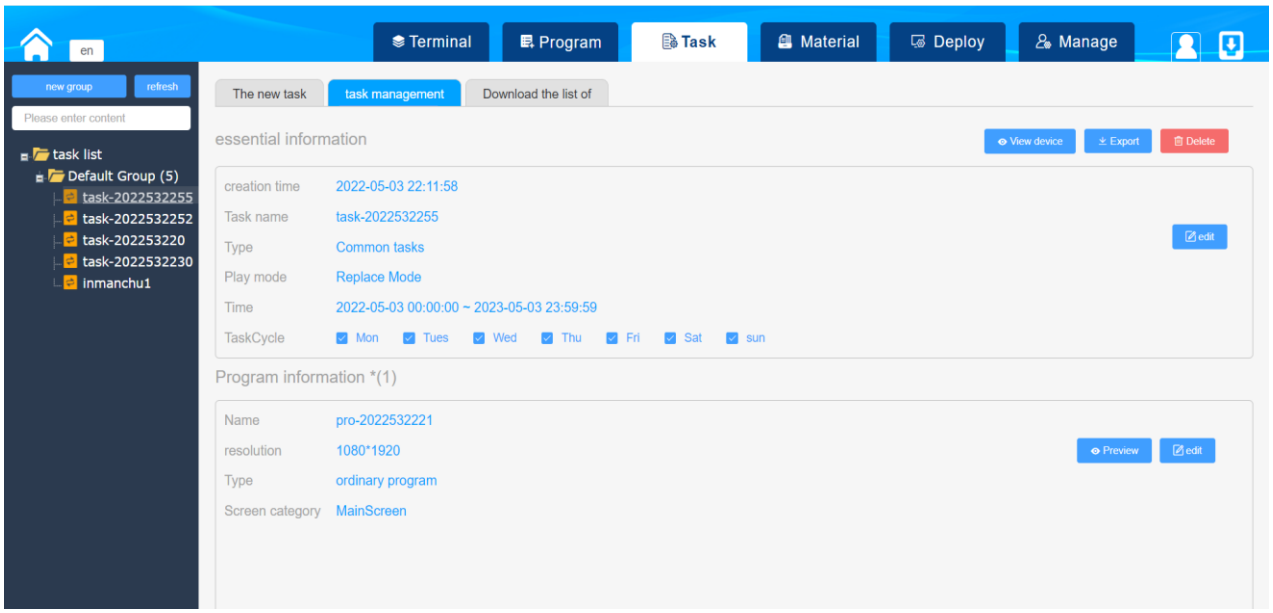
Export: export this task

Delete: delete this task

Edit: edit the basic information of task

Preview the effect of program

Send: send this task



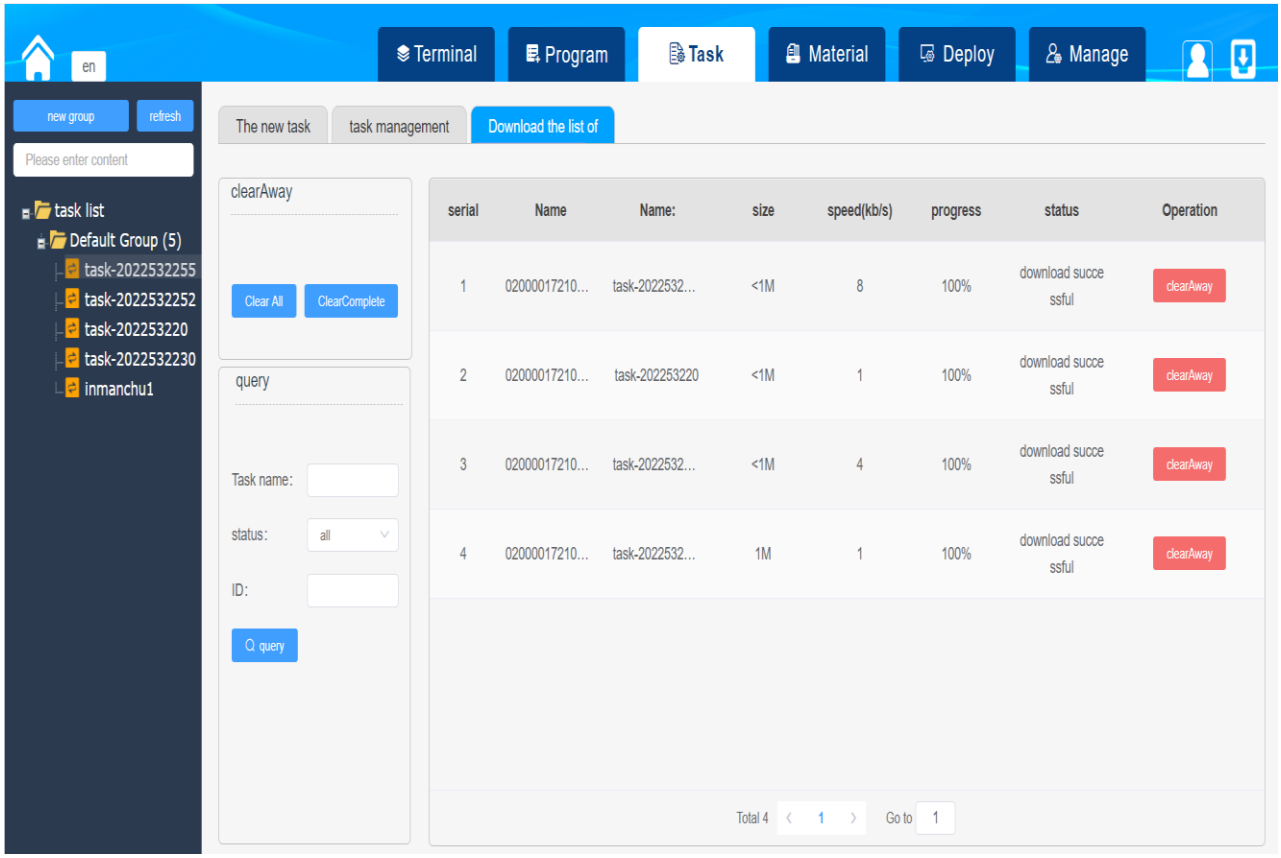
2.4.5 Download the list of

it jumps to this interface after the sending progress reach 100%, the progress of down-loading and state of device could be acquired here.

1. Eliminate: input task name---choose download state---input device ID---click inquire-----click eliminate

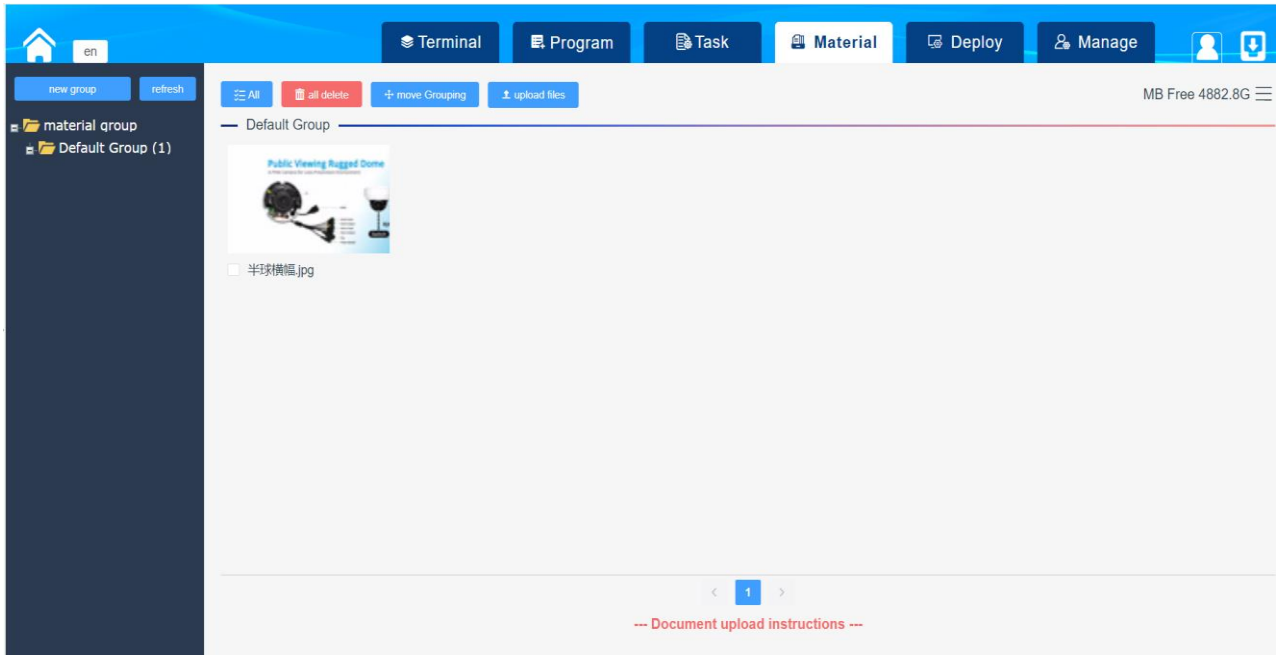
2. remove completed task: input task name----choose download state----input device ID----click inquire----click “remove completed task”

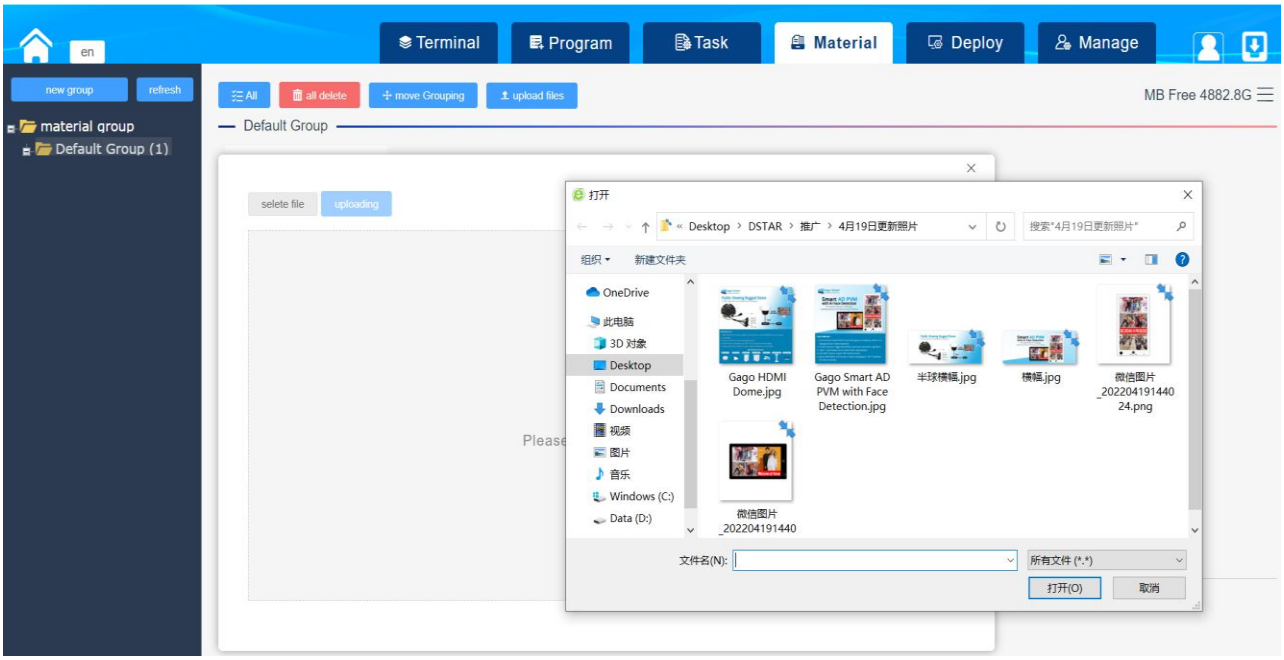
3. remove single task: click the remove button of operations list



2.5 CMS Introduction-Material Management

This page is about material upload, rename, group definition, delete, etc.



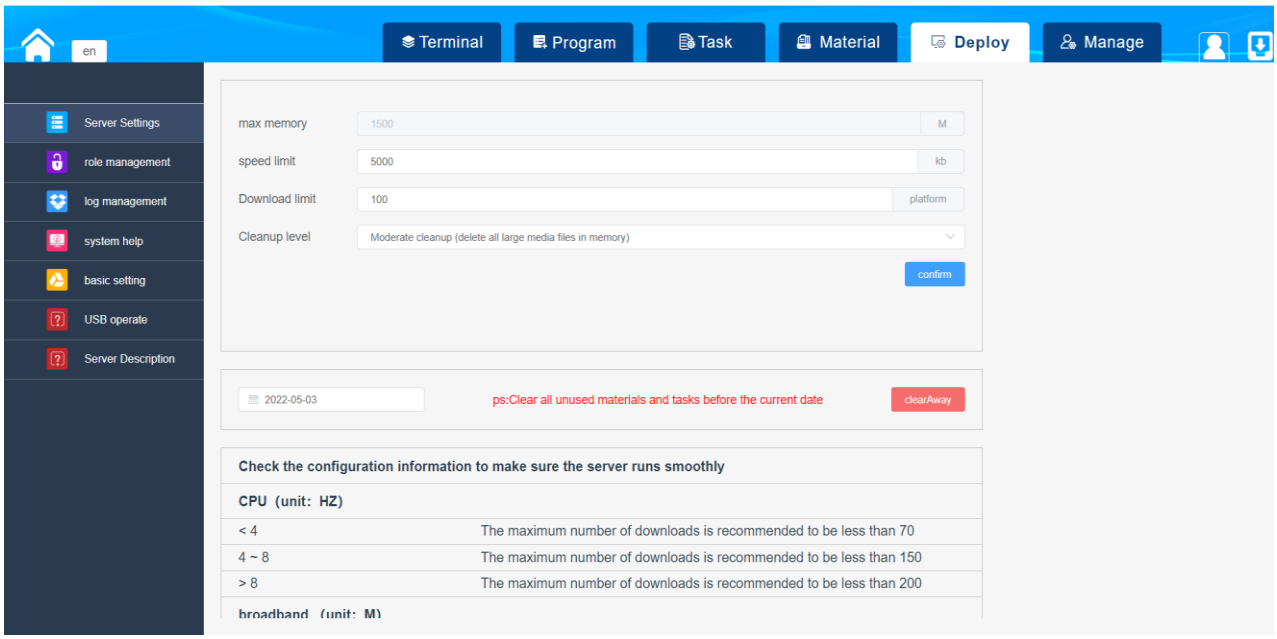


2.6 CMS Introduction-Deploy Management

2.6.1 Server Settings

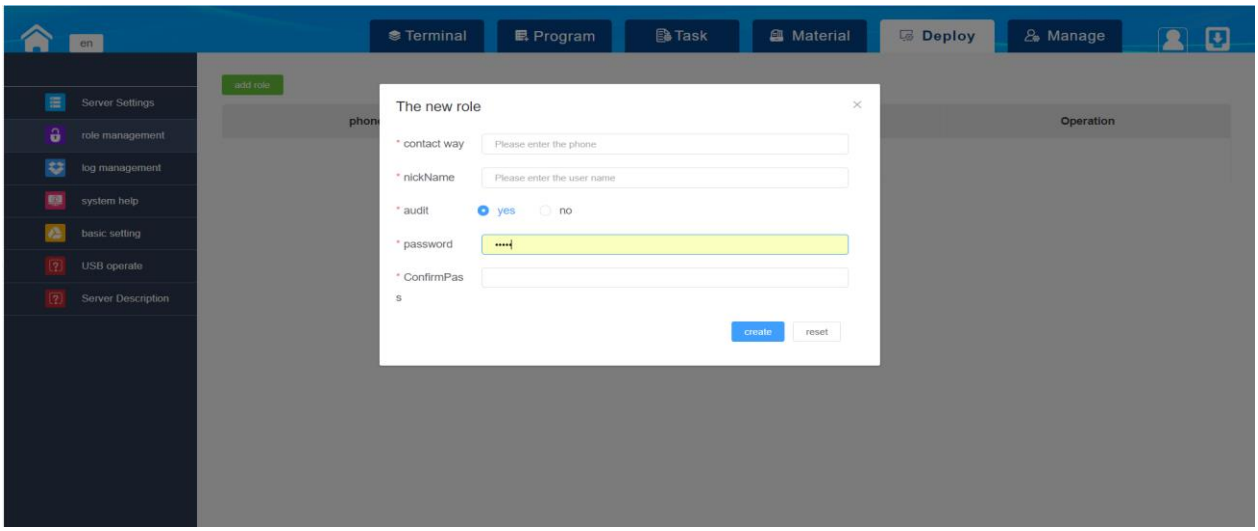
Maximum download speed, maximum downloading device number, memory clean level and reserved phone number could be configured, device could get configuration instructions after clicking yes (Attention: only level one users could carry out this instruction)

In order to guarantee the smooth-running condition of server, please have a check at configuration information.



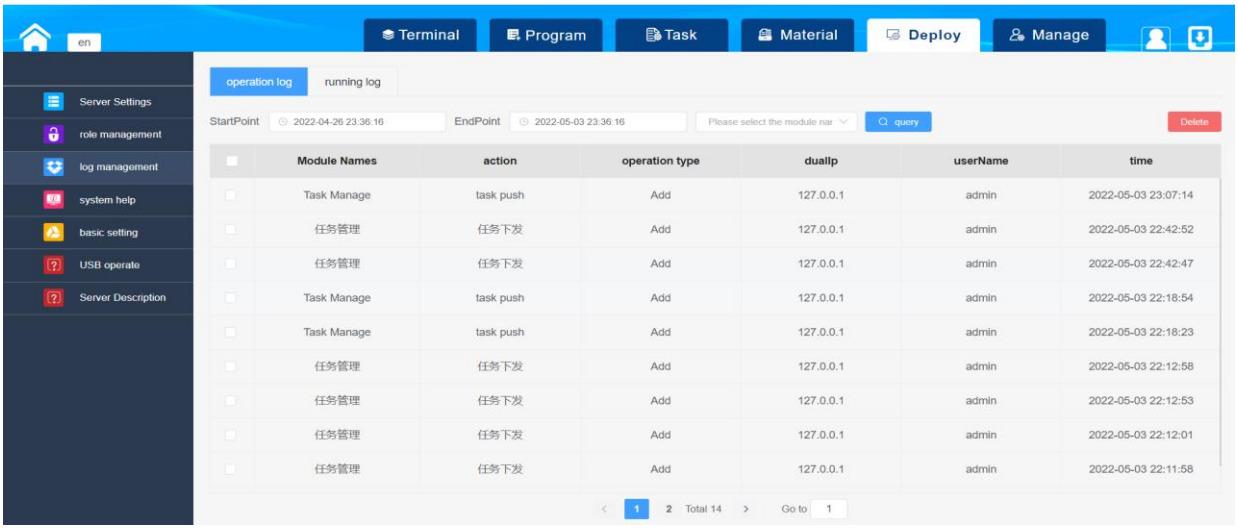
2.6.2 Role Management

Role management: choose management----click add user button---input contact method----nickname---password---repeat password----click create immediately

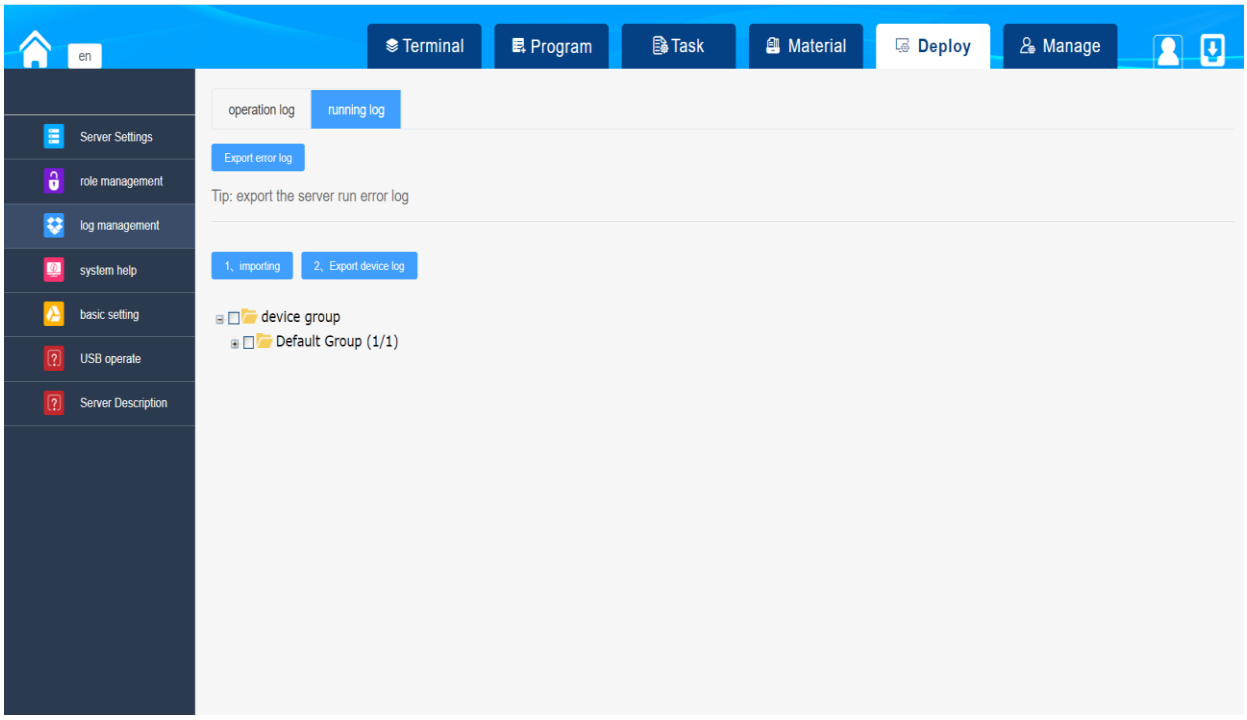


2.6.3 Log Management

Operation log: choose start time----end time---module name-----click inquire to get operations, actions and etc of this module

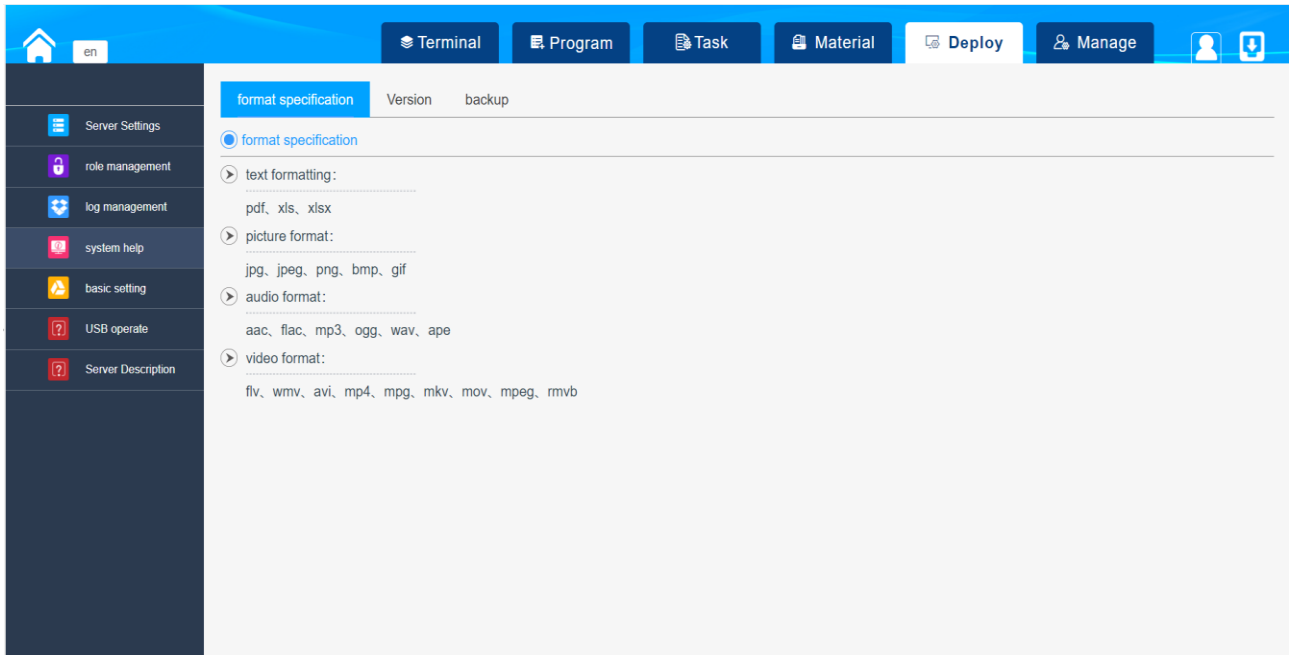


Running logs: when device or system run to exceptions, users could export system error logs or device running logs to our development engineer to get FAE.

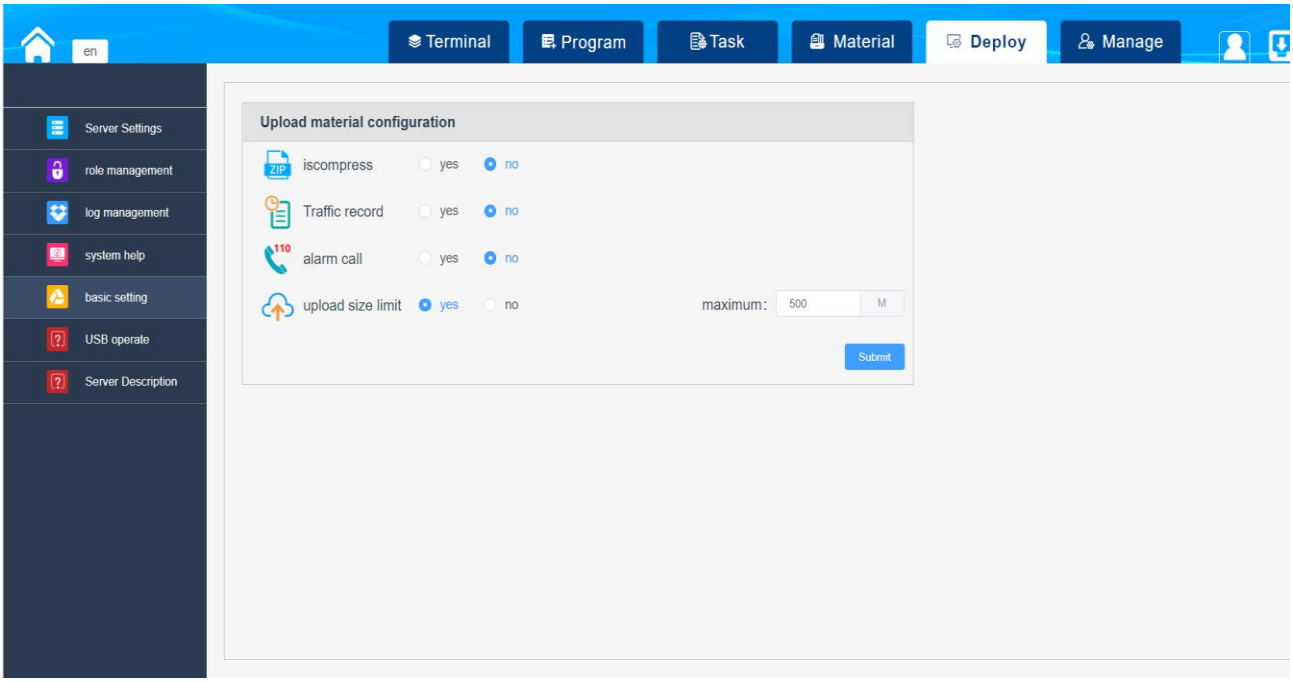


2.6.4 System Help

System help: There are update notes of software and instructions on data backup for users to read at “system help” interface.

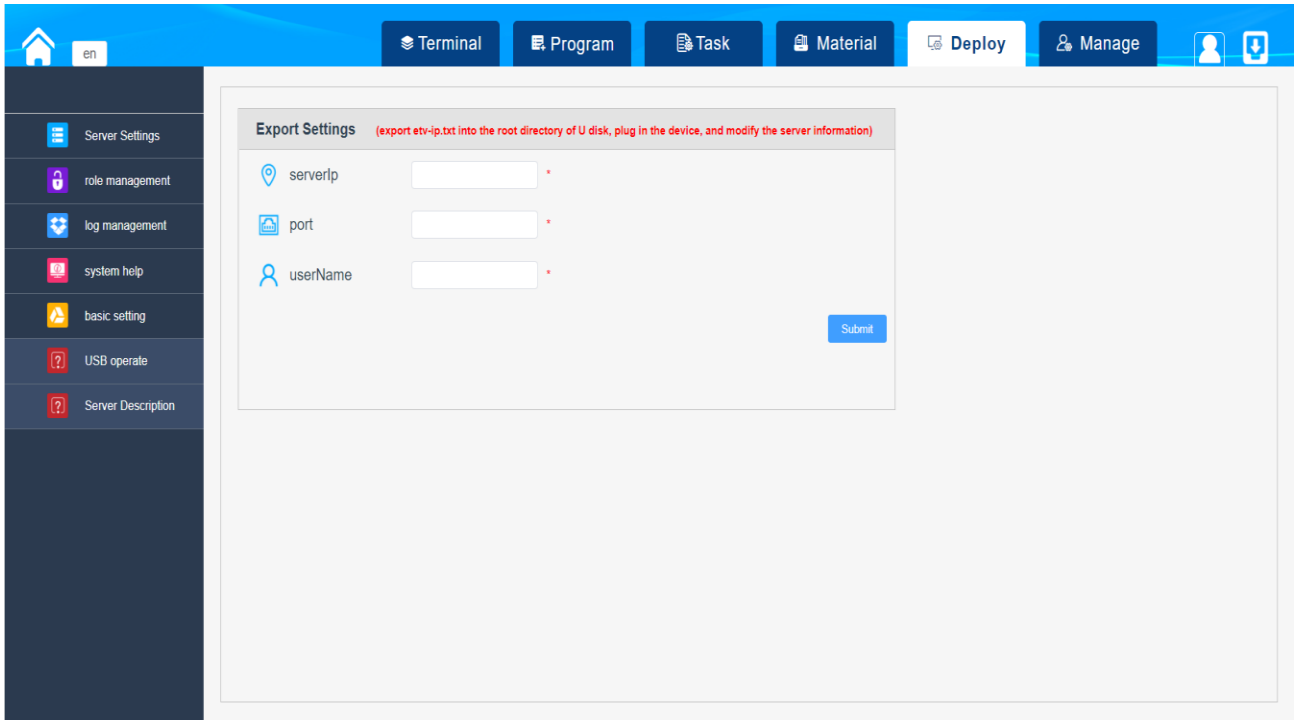


2.6.5 Basic Setting



2.6.6 USB Operate

Noting: in applications, we do not suggest customers to use USB even though our Smart AD PVM have 2 USB 2.0 interfaces; We suggest USB uploading only when you want Smart AD PVM work standalone.

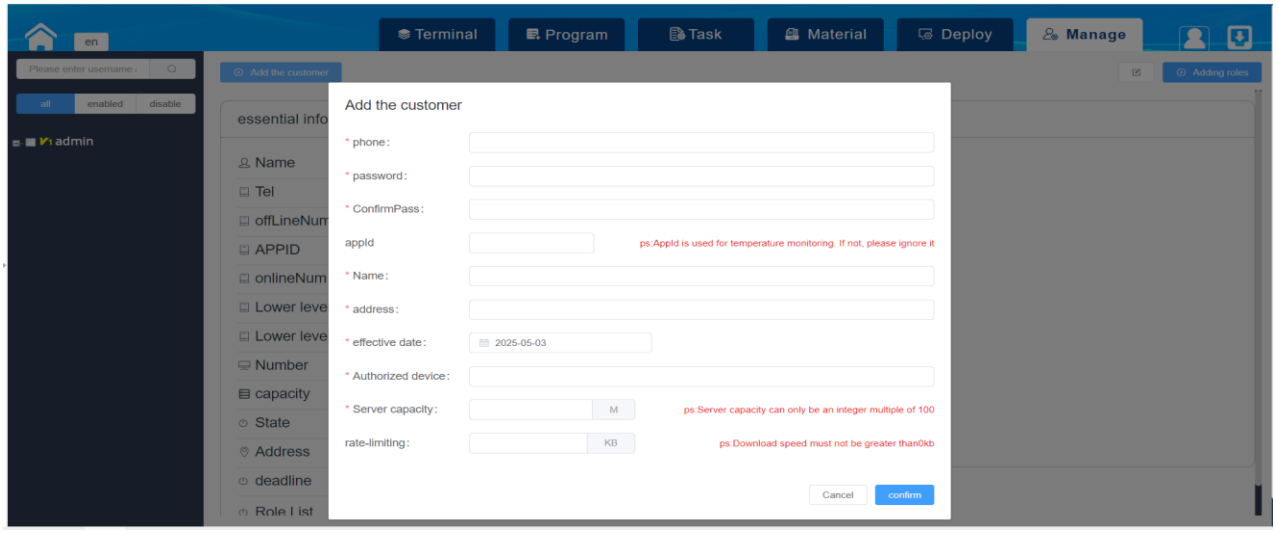


2.7 CMS Introduction- Manage (Customer Management)

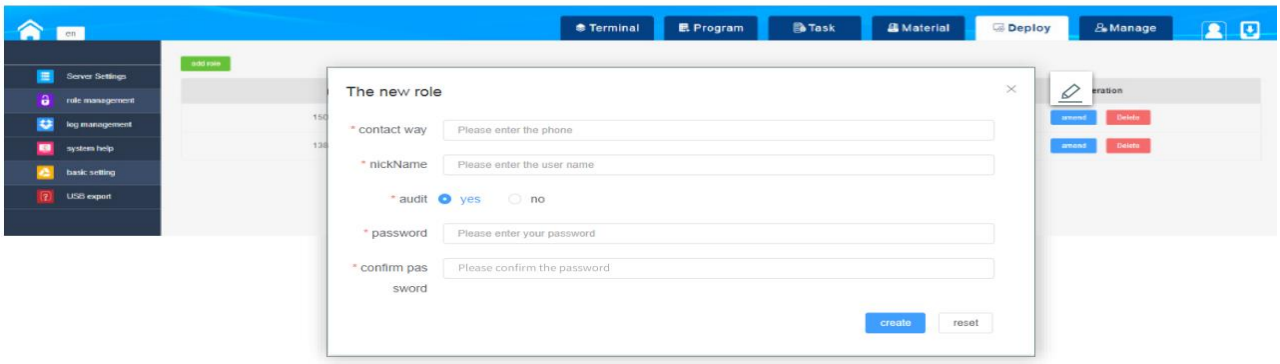
Account divided into several levels: first class reseller, second class reseller, third class user, fourth class user.

First class reseller could create and assign second class reseller account, it also could set authorized devices and server capacity for second class reseller;
Second class reseller could create third class user account and assign authorized devices plus server capacity for it;
Third class user create fourth user account and assign authorized devices as well as server capacity for it.
Attention: This account has the ability to login into server as the matter of which terminals will be enrolled under this account directly.

Add user: click add user in user management interface---input telephone number in popped up window----password---repeat password---name/company name---address----available time period-----authorized devices number----yes
Confirm revision: Only the primary user could modify the available capacity and authorized device quantity.



Add role: click add role in user management interface---jump to role management in “system configuration” ---click add users

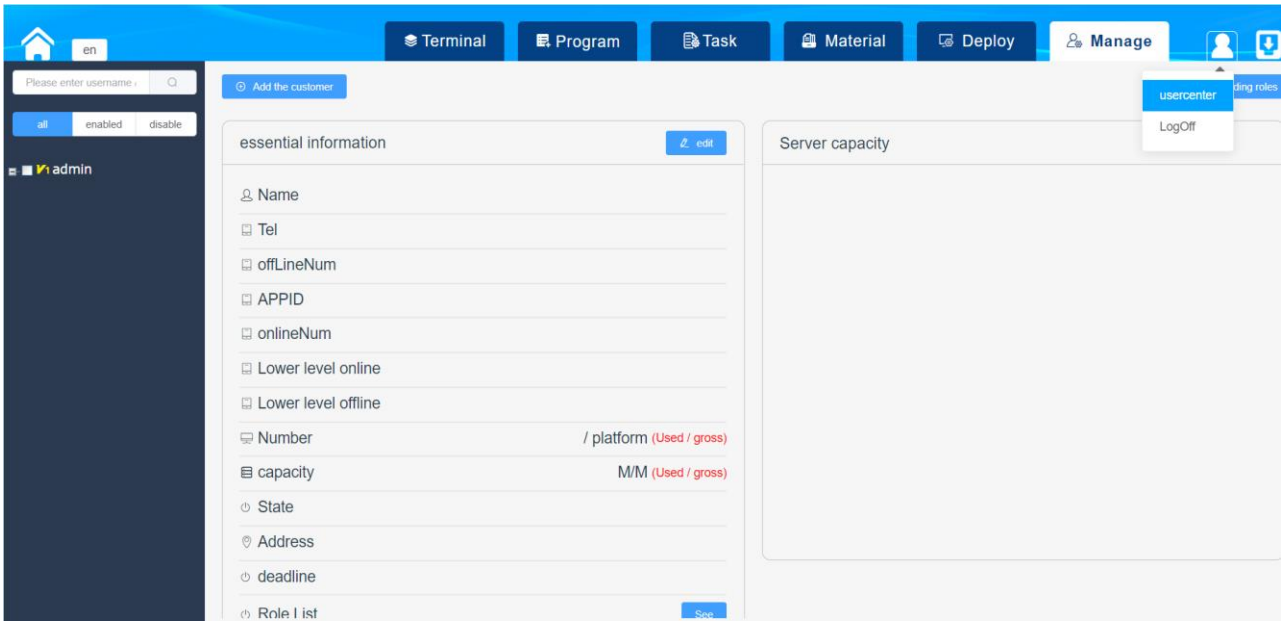


Personal Center

The function of personal center is divided into two functions: user center and log in,log out.

The user center provide user with the ability to modify the information and password of currently logged in user, the log in, log out provide users with logout and exchanging logging account.

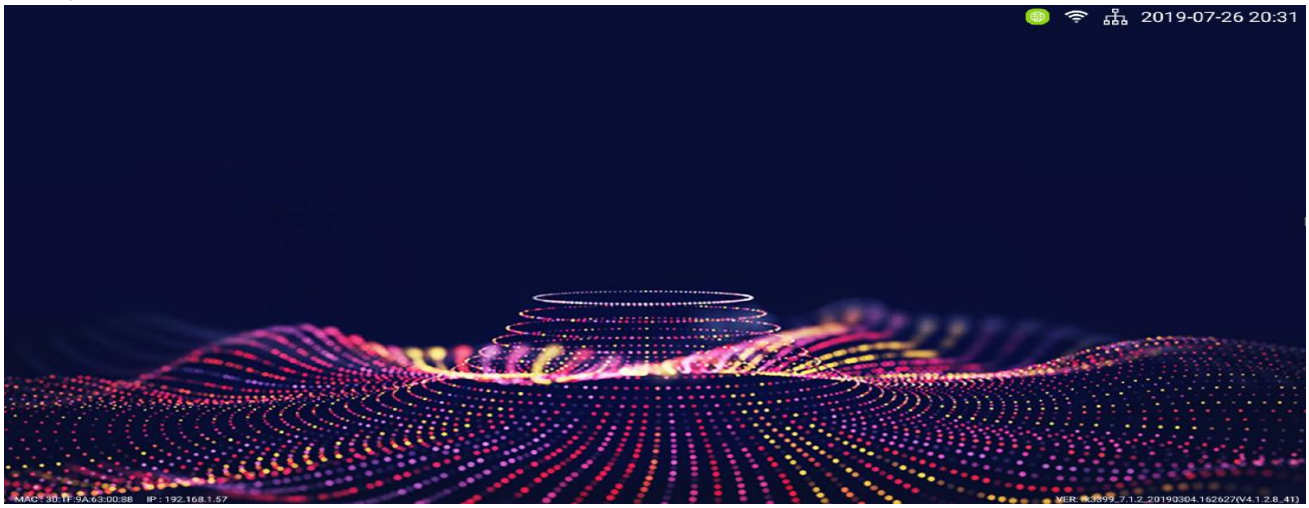
User center: click icon---click user center---click modify password----input old password---input new password----click modify immediately—input account---click modify immediately.



2.8 CMS Introduction-Device SAP APP Function

2.8.1 Outlook

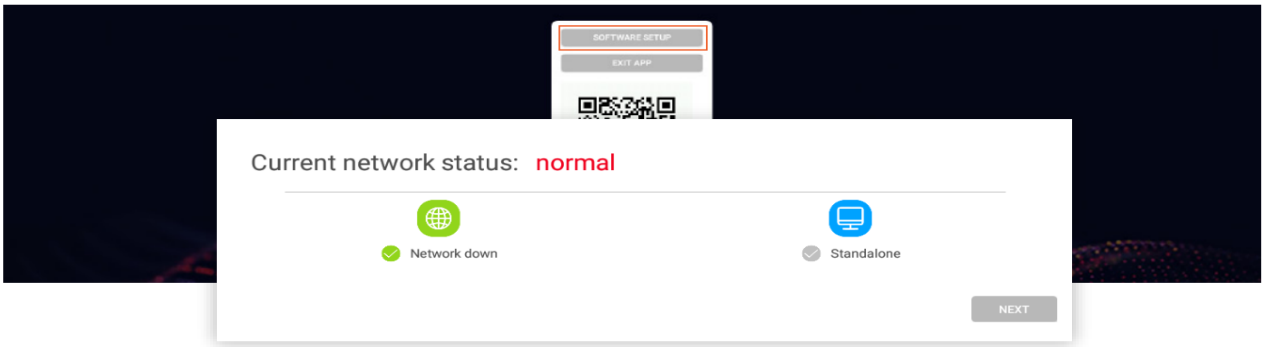
The first one of upper right side of main interface is work mode configuration, the second one is network configuration, the third one is server connection state.

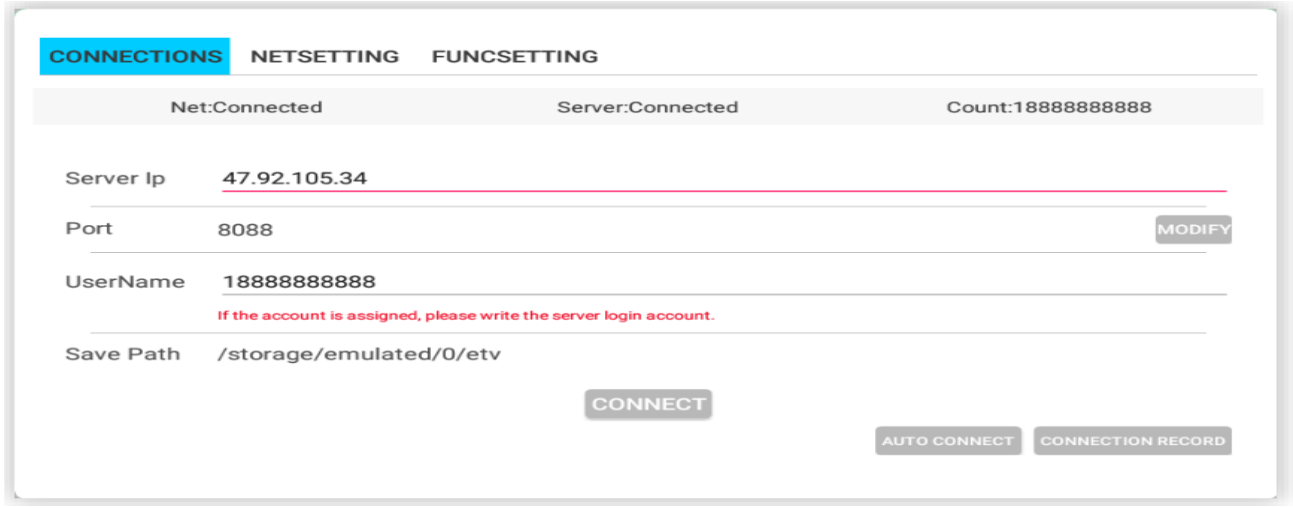


2.8.2 Network Setting

Click right mouse button to enter setting window

Click software settings to enter work mode selection interface



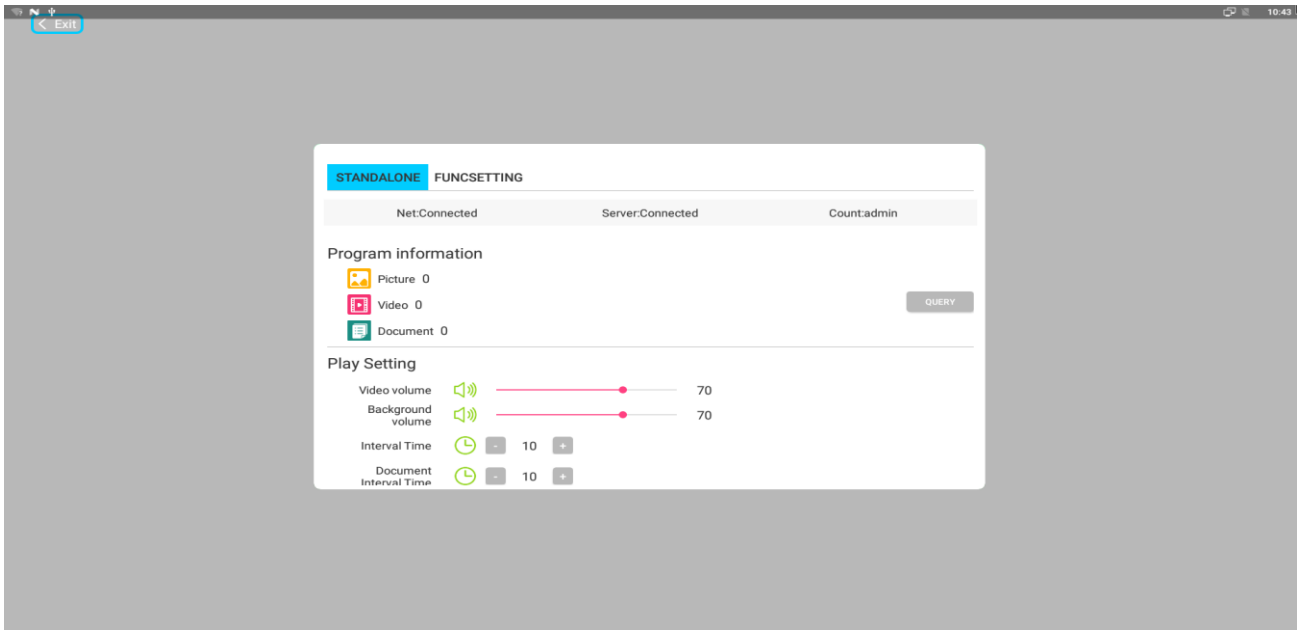


2.8.3 Standalone Mode (We do not suggest to use if you can have network environments)

Check “standalone” and click next step to enter single mode interface

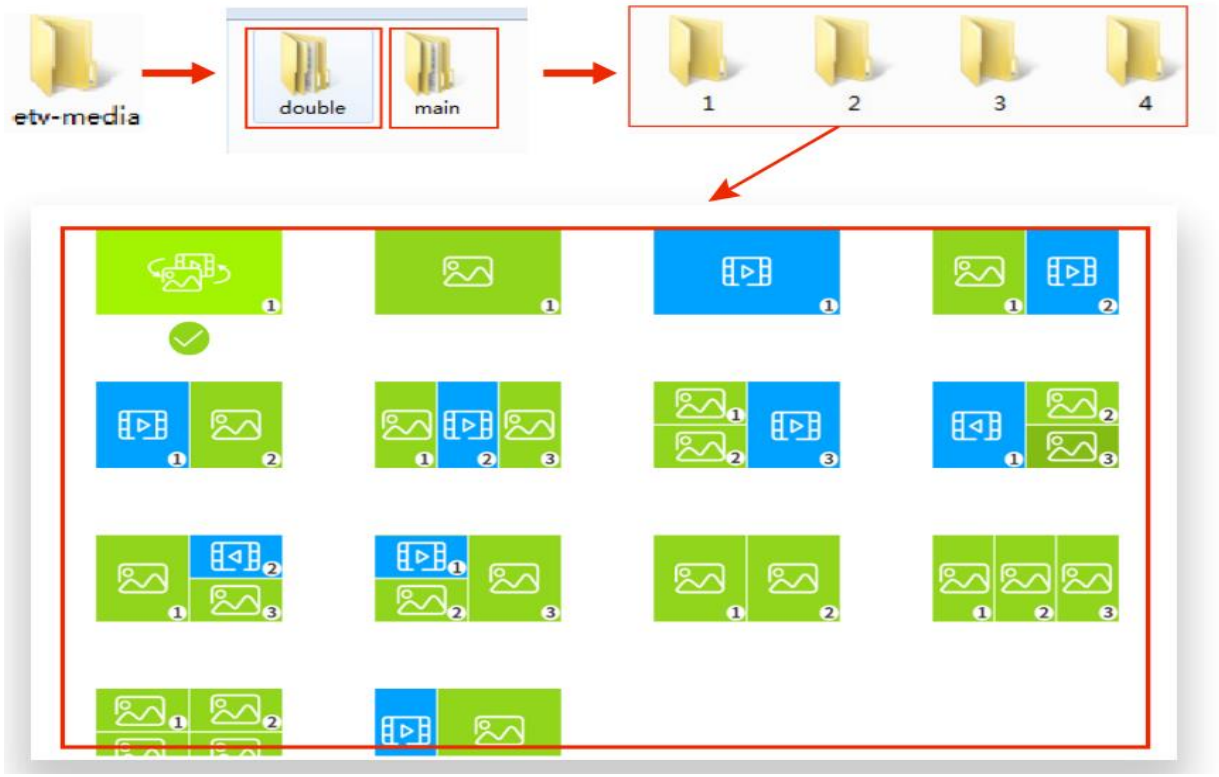
Click Main screen layout could be configured at Main screen configuration interface

Click secondary screen layout could enter secondary screen interface



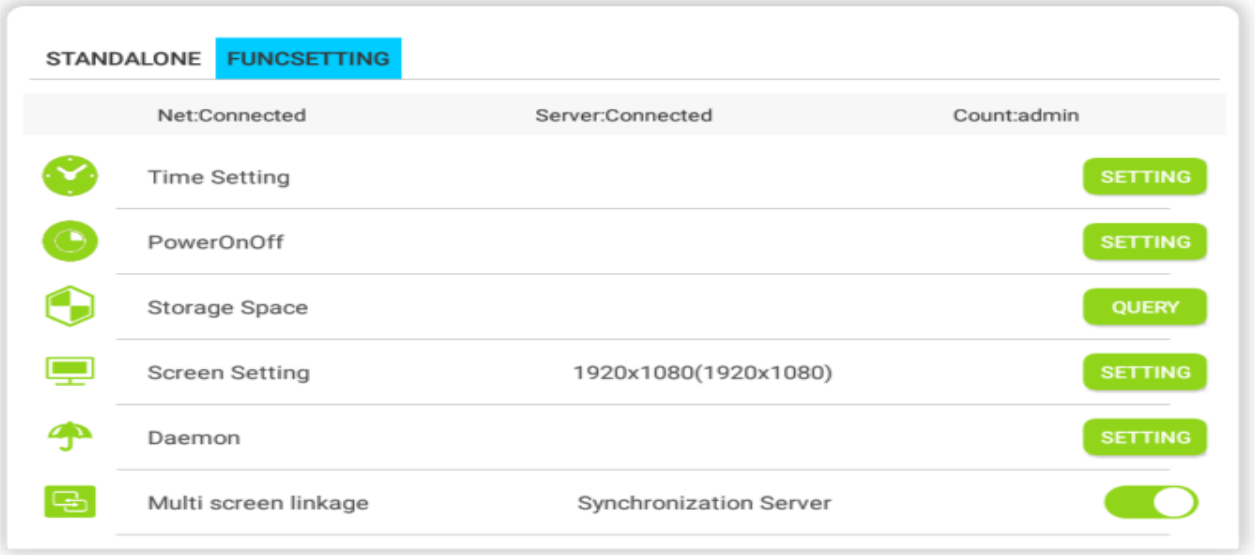
Step 1: Insert u-disk into your computer, make a new directory called “etc-media” in root and make a new double directory in etv-media directory if task contains double-screen.

Step 2: Create 1/2/3/4 directories according to layout in main or double directory

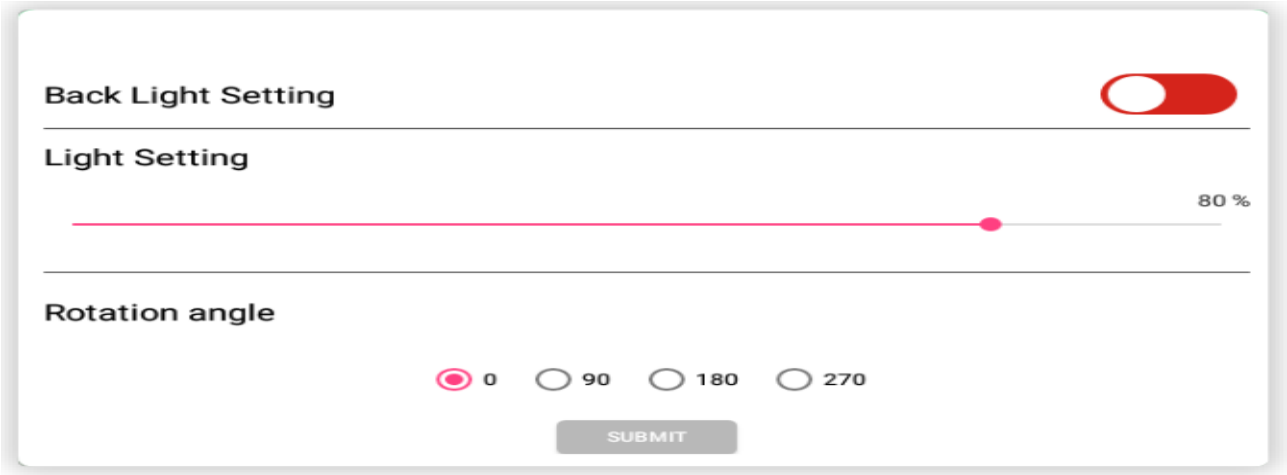


2.8.4 Function Setting

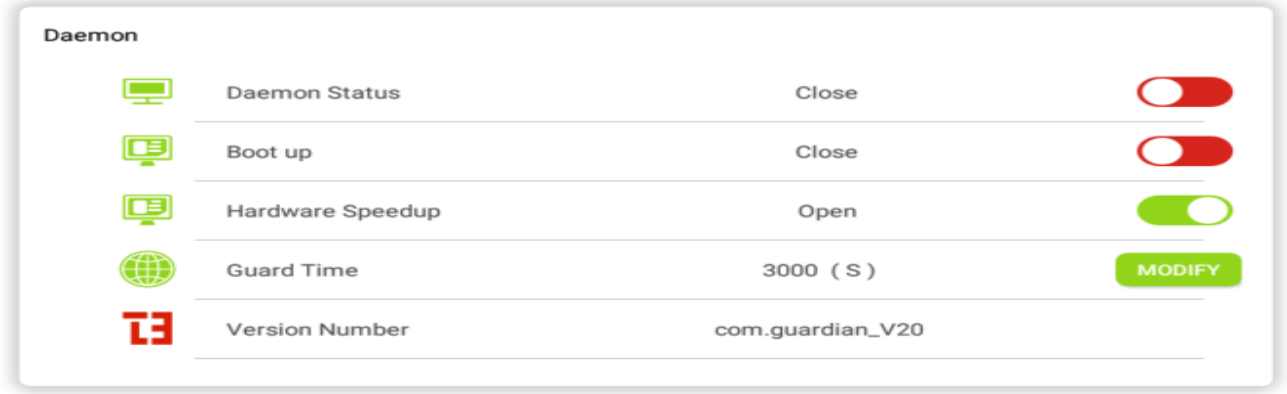
Click function settings button will pop up function setting interface (comment: function setting interface exists in every working mode.



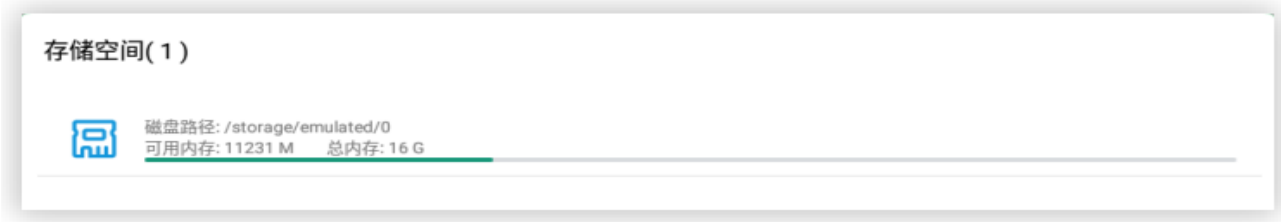
Click screen setting will pop up a interface which can adjust display light strength, set rotation degrees and etc.



Click the view button of daemon process will pop up a interface which can be used to adjust daemon state, start on boot, modify daemon time period and etc.



Click the view button of storage capacity will pop a interface which can be used to check current available memory, all memory and etc.



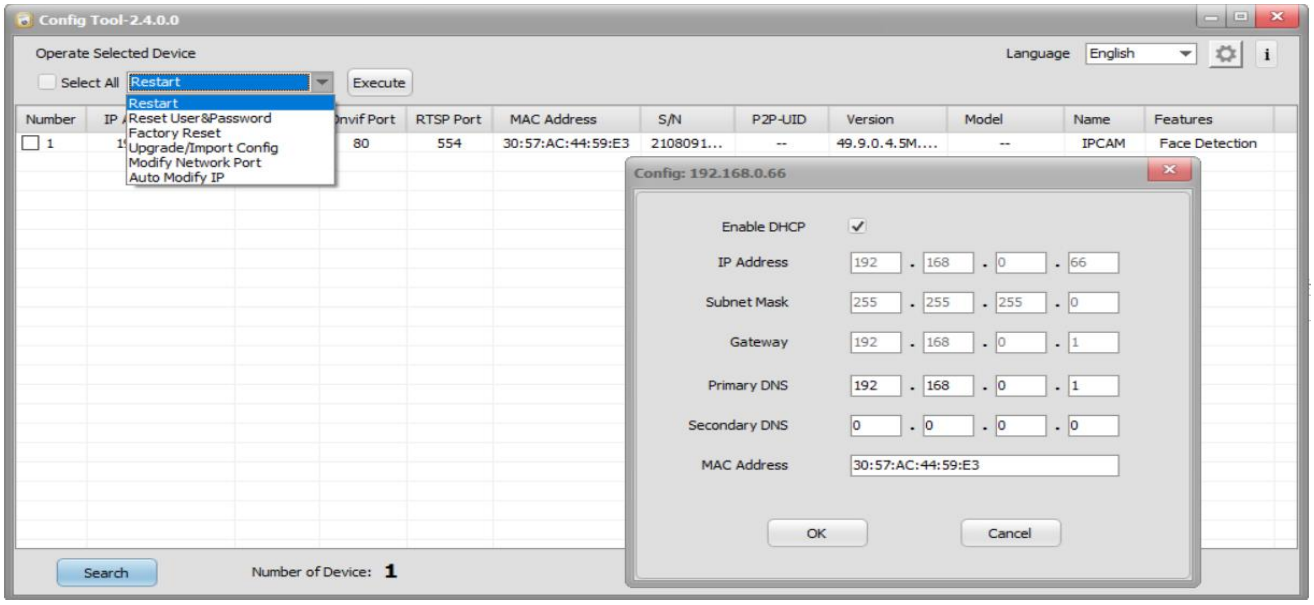
Noting:

1. Smart AD PVM has own designed deterrence light, the light is white and blue dual color led type. In applications, users can use IR Remote Controller to set deterrence light on/off, blink time, blink blue or white color.

3. Built-in IP Cam Operation Guiding

3.1 IP Tool Installation

Customers can use our IP Config Tool to search/modify/factory reset/FW upgrading, etc

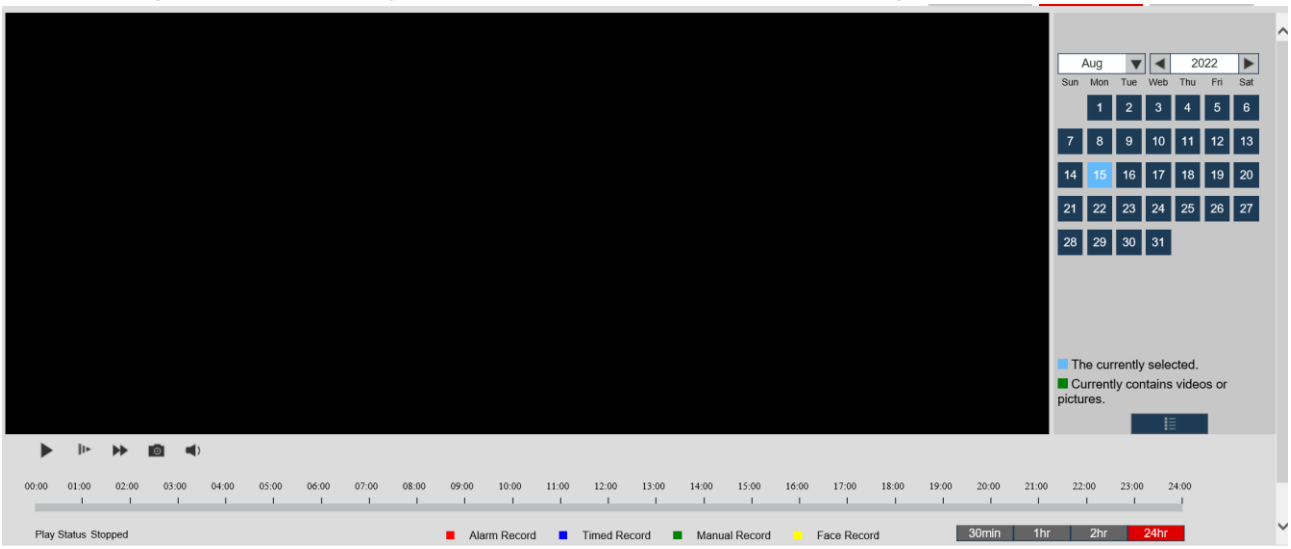


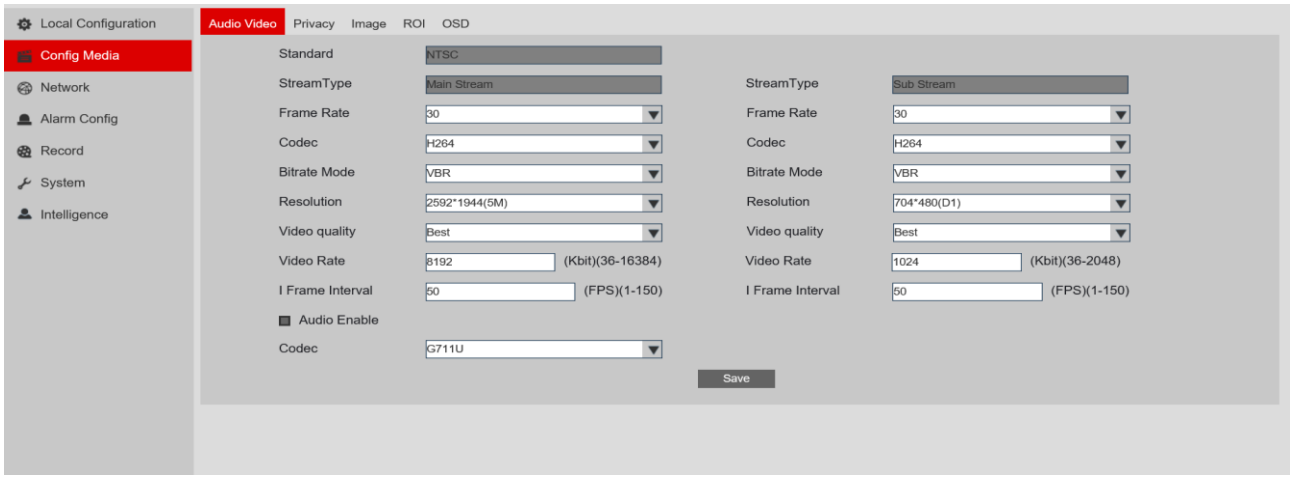
3.2 IPC Default Information

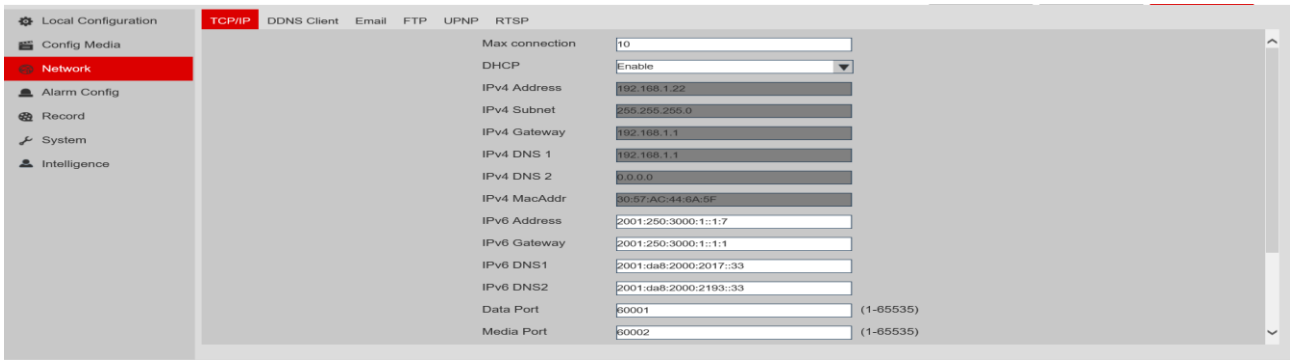
Default address: 192.168.0.66 (DHCP default enabled)

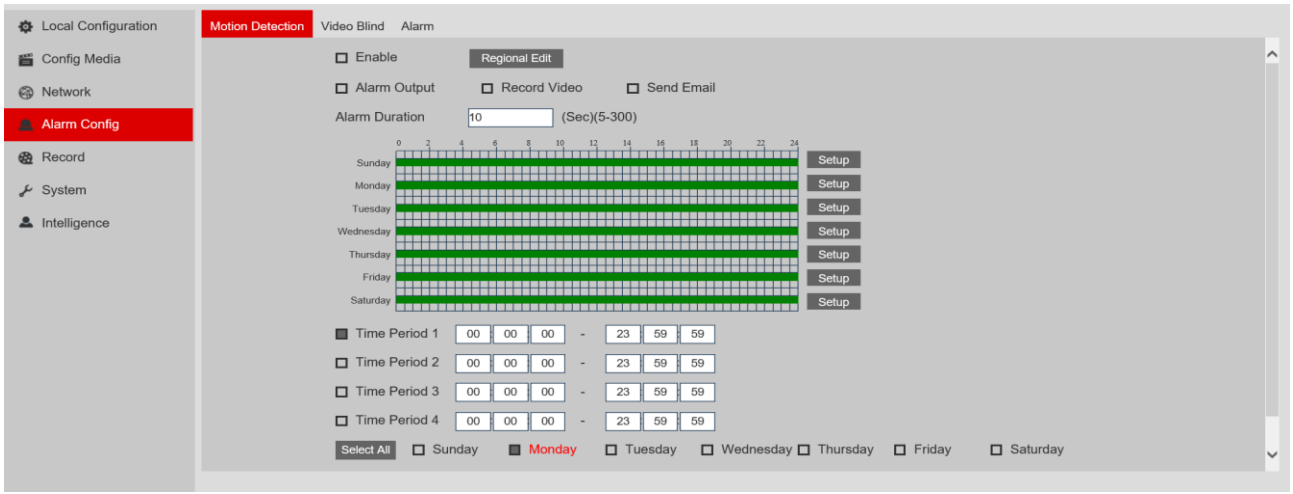
Default username and PW: admin (PW is required to modify when you log in Web at the first time)

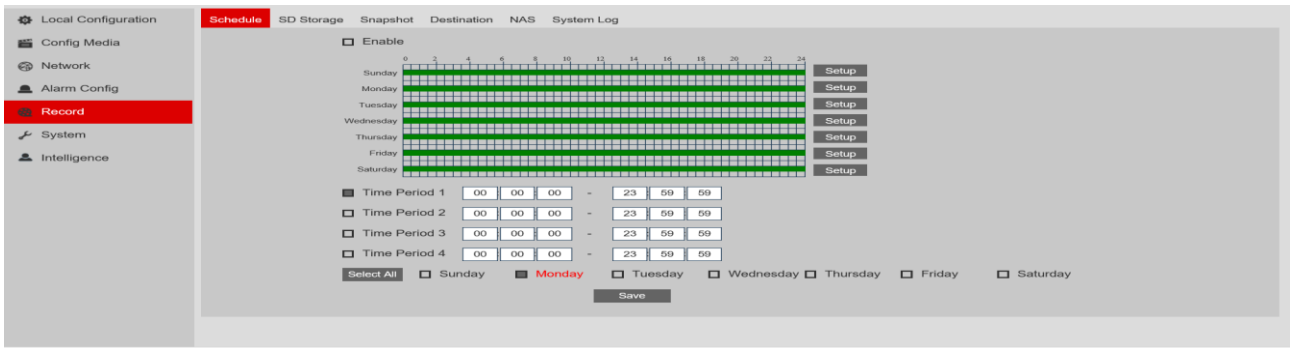
3.3 Web Login Outlook (Always make IPC and PC same network segment)

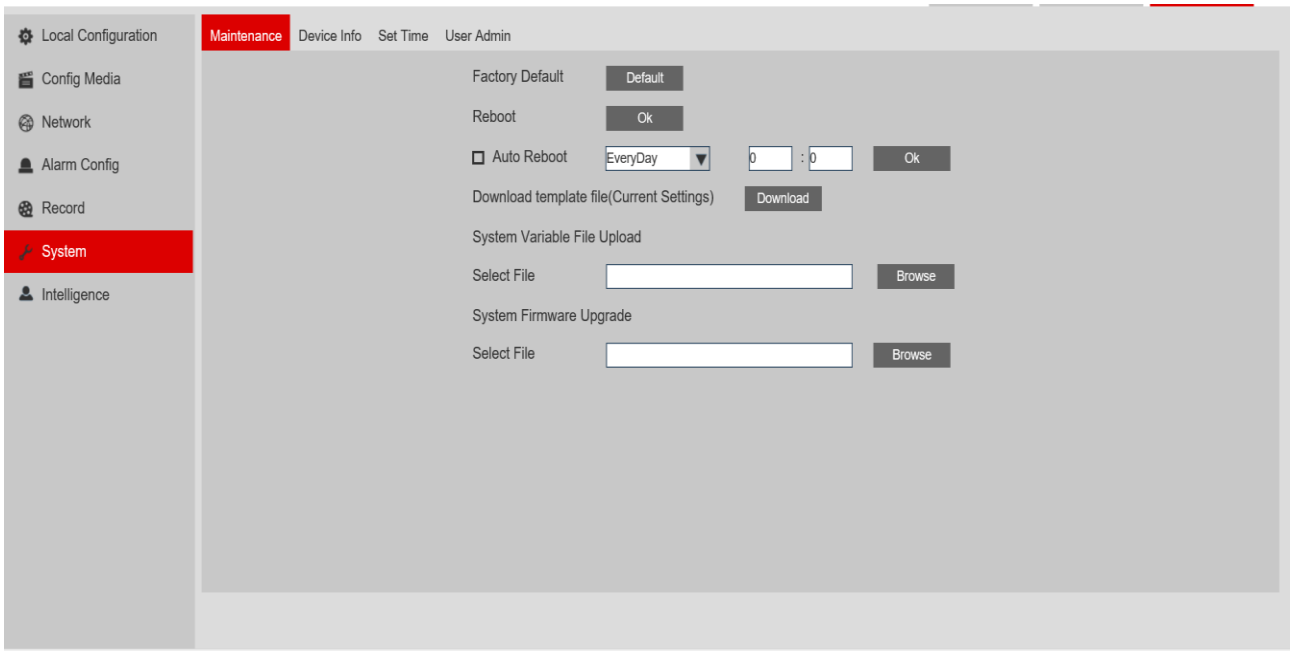


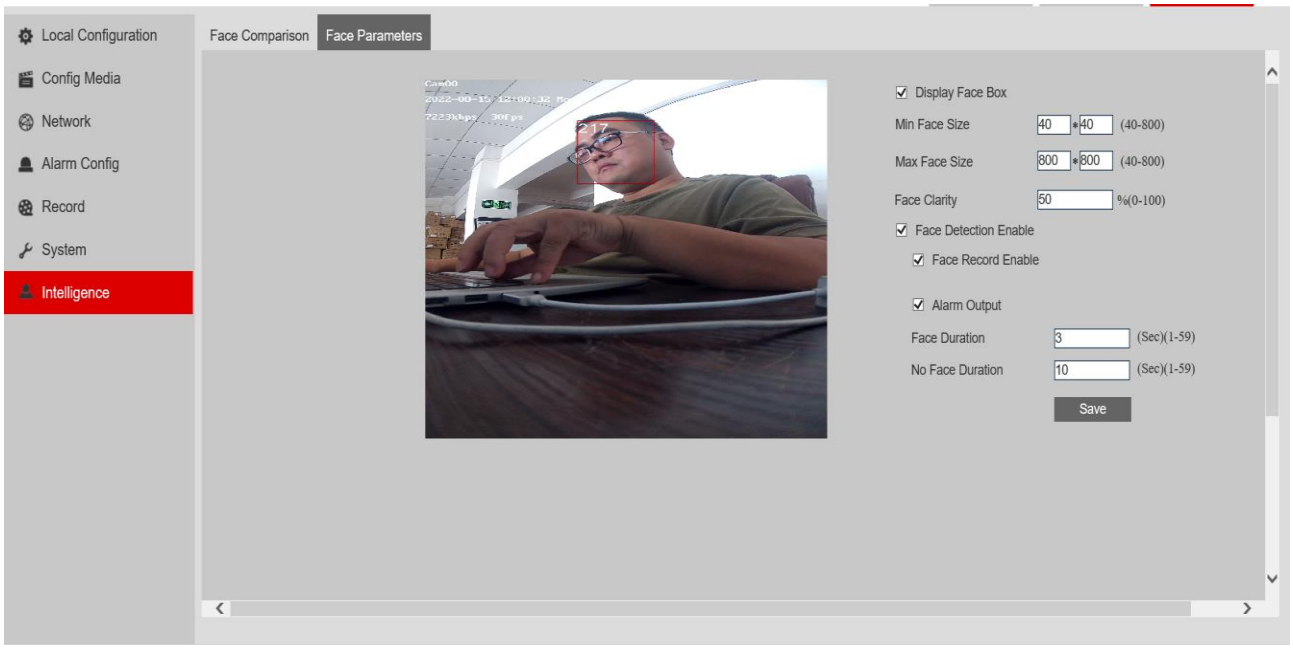

Local Configuration
Config Media
Network
Alarm Config
Record
System
Intelligence
Audio Video
Privacy
Image
ROI
OSD
Standard
NTSC
StreamType
Main Stream
Frame Rate
30
Codec
H264
Bitrate Mode
VBR
Resolution
2592*1944(5M)
Video quality
Best
Video Rate
8192
(Kbit)(36-16384)
I Frame Interval
50
(FPS)(1-150)
Audio Enable
Codec
G711U
Save
StreamType
Sub Stream
Frame Rate
30
Codec
H264
Bitrate Mode
VBR
Resolution
704*480(D1)
Video quality
Best
Video Rate
1024
(Kbit)(36-2048)
I Frame Interval
50
(FPS)(1-150)


Local Configuration
Config Media
Network
Alarm Config
Record
System
Intelligence
TCP/IP
DDNS Client
Email
FTP
UPNP
RTSP
Max connection
10
DHCP
Enable
IPv4 Address
192.168.1.22
IPv4 Subnet
255.255.255.0
IPv4 Gateway
192.168.1.1
IPv4 DNS 1
192.168.1.1
IPv4 DNS 2
0.0.0.0
IPv4 MacAddr
30:57:AC:44:6A:5F
IPv6 Address
2001:250:3000:1::1:7
IPv6 Gateway
2001:250:3000:1::1:1
IPv6 DNS1
2001:da8:2000:2017::33
IPv6 DNS2
2001:da8:2000:2193::33
Data Port
30001
(1-65535)
Media Port
30002
(1-65535)


Local Configuration
Config Media
Network
Alarm Config
Record
System
Intelligence
Motion Detection
Video Blind
Alarm
Enable
Regional Edit
Alarm Output
Record Video
Send Email
Alarm Duration
10
(Sec)(5-300)
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Setup
Time Period 1
Time Period 2
Time Period 3
Time Period 4
00
23
59
Select All
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday


Local Configuration
Config Media
Network
Alarm Config
Record
System
Intelligence
Schedule
SD Storage
Snapshot
Destination
NAS
System Log
Enable
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Setup
Time Period 1
Time Period 2
Time Period 3
Time Period 4
00
23
59
Select All
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Save





Noting:

1. Please always ensure built-in IPC and your PC same network segment, so you can login IPC Web no issues;
2. Please insert your TF card after the PVM powered off; After power on, please enter into IPC web and format your TF card;
3. Face Size and Face Time determine the face detection distance and when deterrence light should blink and when program will switch from the scene “No Face” to “Face Detected”.

4. Important Operations of Smart AD PVM

4.1 PVM Time Sync. with Your Server or PC (VERY IMPORTANT)

When you receive the PVM and make its network connected, before you connect with our CMS, you need to enter into PVM “SETTING” and make the time zone and time same as your server(or PC). Then, CMS can connect with PVM without issues.

4.2 Built-in IPC IP address same network segment with your PC

When you use our IP tool to find the built-in IPC address, and if you want to enter IPC web to check the IPC’s setting, please ensure the IP address is same network segment with your PC.

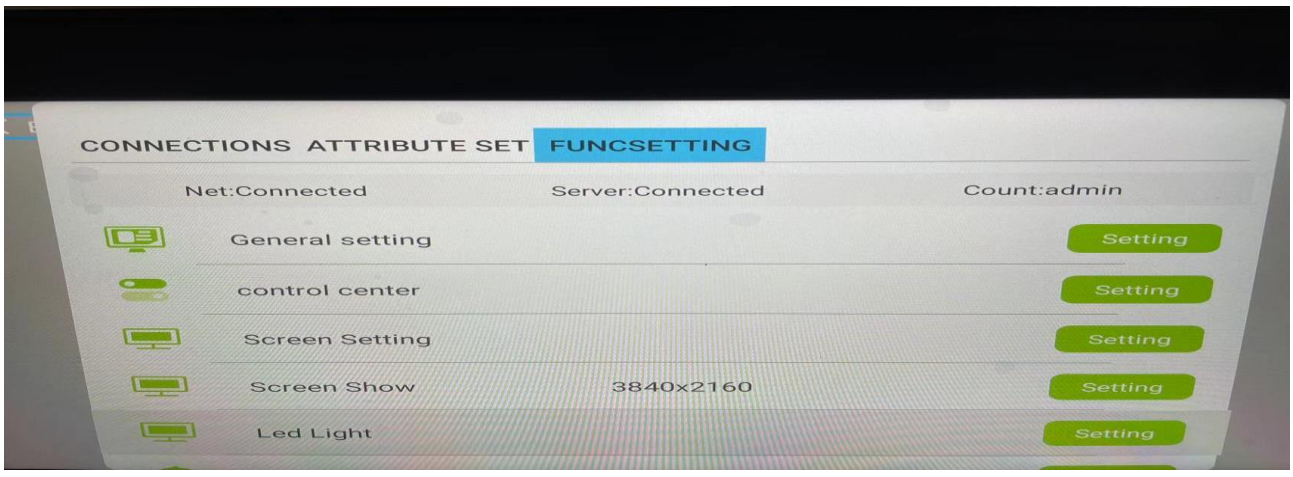
4.3 How to Create a Program that includes CGI Commands? (VERY IMPORTANT)

When you create a new program, one program will contain limited different scenes.
Scene 1 mean “No Face Detected”;
Scene 2 mean “Face Detected”;
Scene 3 mean “Touch Button”;
Scene 4 mean “CGI-1”;
Scene 5 mean “CGI-2”……
Our PVM can support unlimited CGI Commands, the communication protocol is UDP.
Example:
"type":"changeProjector","ipaddress":"192.168.1.1","pojectorPoint":"4"}
Ipaddress means the Android Board’s IP Address of PVM, NOT Built-in IPC’s address;
“4” means the number of “the scene” of the program.

4.4 How to Set Deterrence Light

Deterrence light is made of blue & white dual color led, totally 4pcs in front bezel.
When the PVM detect human face and CAPTURED, the deterrence light will blink.
Deterrence light blink time, on/off and color can be set in applications.
How to set?

A. Open SAP APP and enter into “SOFTWARE SETUP”;
B. Enter into “FUNCSETTING”, and find “Led Light” and do settings



4.5 How to Change from Portrait Version to Landscape? (VERY IMPORTANT)

Firstly, you need to use IR Remote Controller.

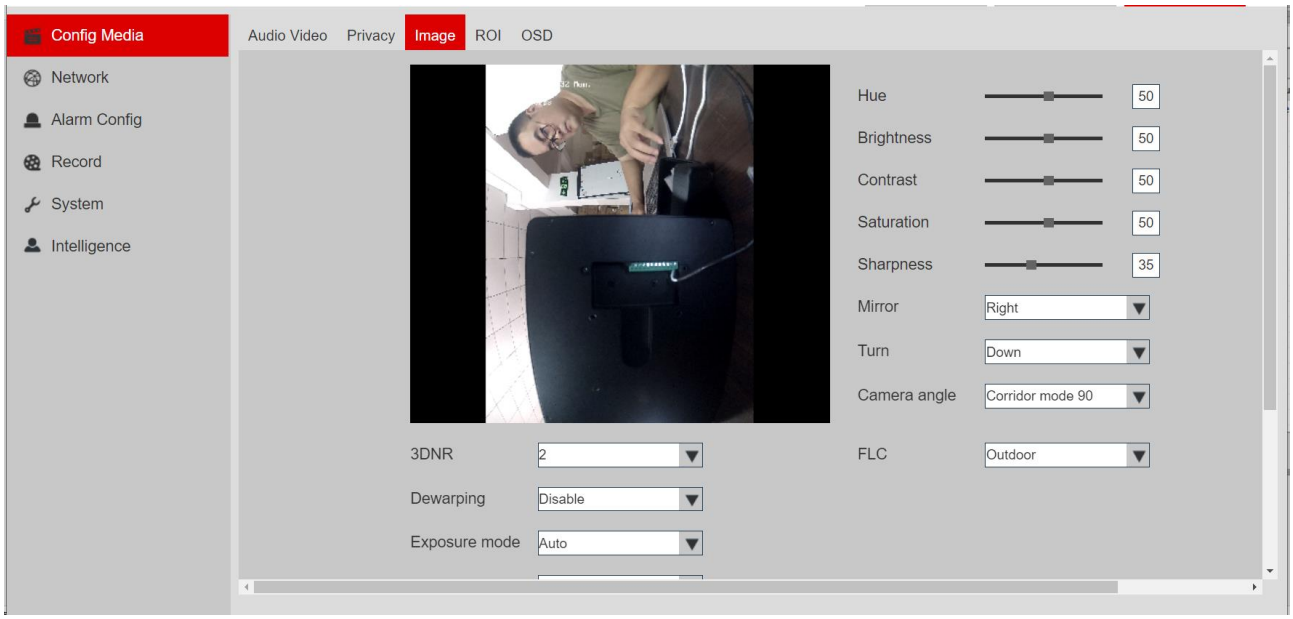
A. Press “Setting” button;

B. Find “Display” and enter;

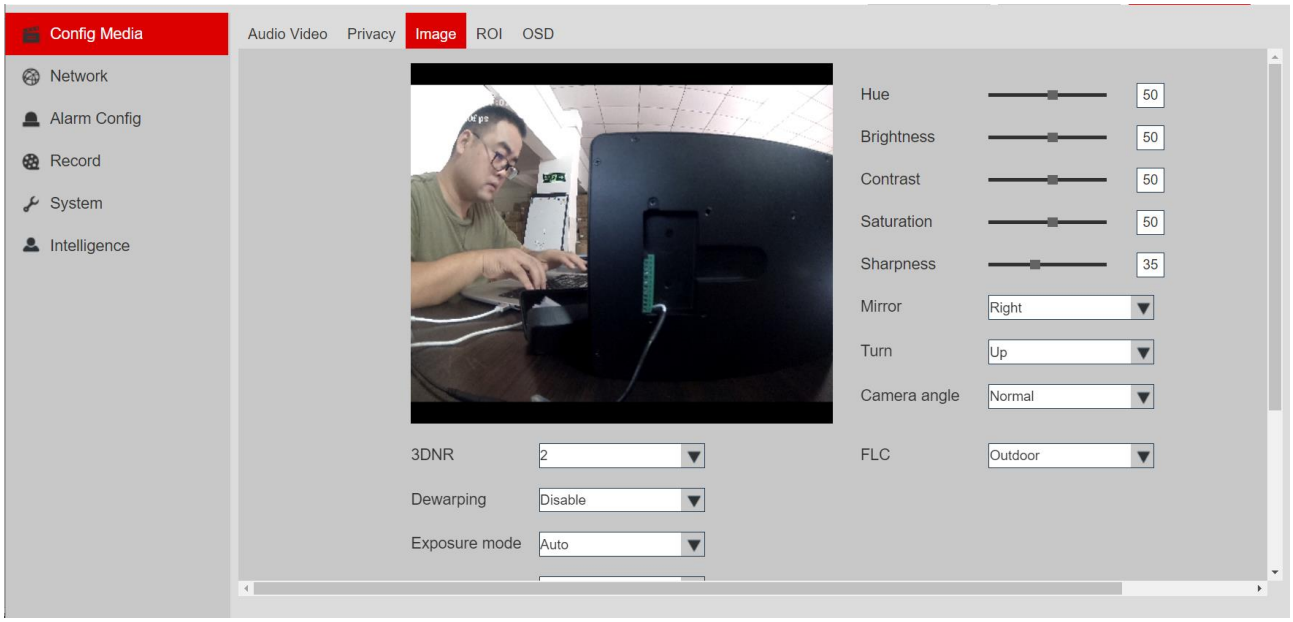
C. Find “Display Screen Rotation” and choose “0” degree;

Secondly, you need to go into IPC Web.

A. Go into “”Config Media” and enter into “Image” page



B. Find “Turn” button and choose “UP”, and also fine “Camera Angle” and choose “Normal”, then the IPC’s web and PVM’s IP Video will be normal 16:9 landscape version.



4.6 If I do not have a cloud-based server but local server only, what should be noticed?

A. Please ensure to install CMS EXE file on your Windows PC;

B. Please ensure your PC and built-in IPC of PVM are in same network segment.

4.7 If I have a cloud-based server, can you offer technical supports to install the CMS?

Yes, Gago technicians will be there for timely service.