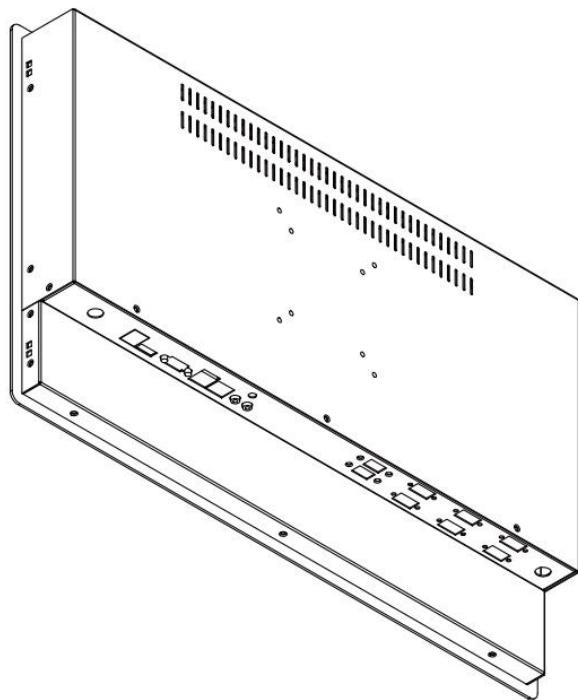


Haiwell IPC User Manual

Industrial Panel PC

Industrial Panel PC User Manual



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I. QuickStart

1. Startup

Long press the button  on the back of IPC to open the device.

2. Shutdown

① Click the program icon  at the upper right corner of IPC desktop to enter into the program menu, then click "Shutdown" button and select "Shutdown" to close IPC.

② Long press the button  on the back of IPC to close the device. (This method is not recommended for turning off the IPC because that long press the button may lead to corrupted files.)

3. Restart

Click the program icon  at the upper right corner of IPC desktop to enter into the program menu, then click "Shutdown" button and select "Restart" to restart device.

4. Logout

Click the program icon  at the upper right corner of IPC desktop to enter into the program menu, then click "Log out" button and select "Log out" to log out account.

5. Lock the Screen

Click the program icon  at the upper right corner of IPC desktop to enter into the program menu, then click "Log out" button and select "Lock the Screen" to lock the screen. If want to use the device again, users must log in the account again.

6. Touch Screen Calibration

Step 1: double-click the egtouch tool icon  of the menu bar in the upper left corner of the computer desktop and enter the egtouch interface;

Step 2: Select the [tool] label, in the [function] menu bar select [4 point calibration];

Step 3: Enter the four-point calibration interface, long press the icon  for a while, then complete the first calibration point, then enter the next calibration point one by one, in order to complete the "left lower, right lower, right upper, left upper" Four calibration work;

Step 4: After completing the calibration of the four calibration points, the system will pop up the four-point calibration confirmation prompt box, click [OK].

7. Connect the Mouse

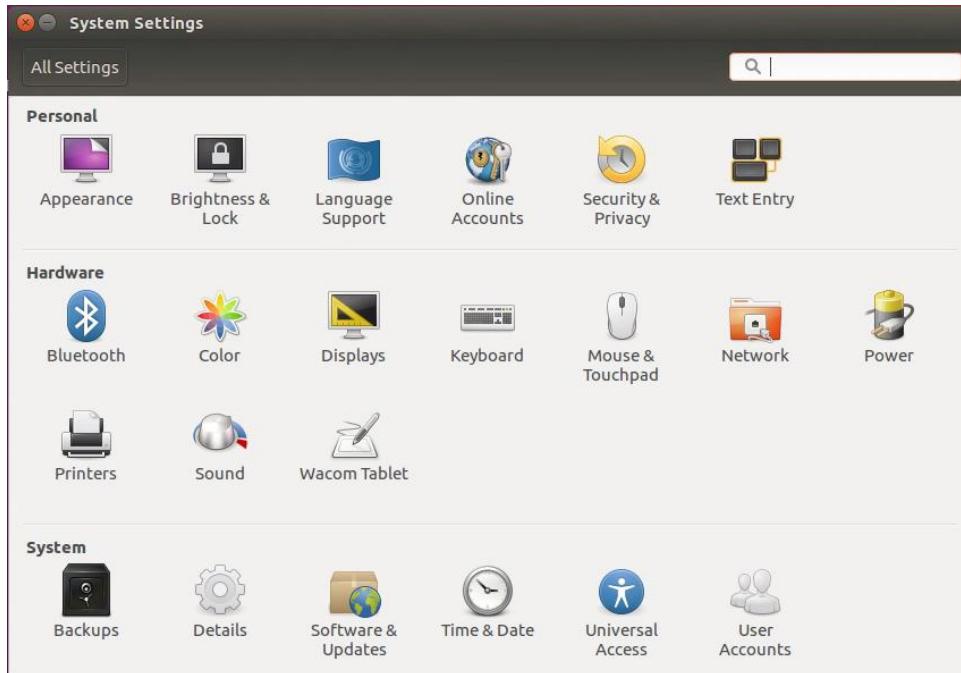
Plug the mouse into USB interface on the back of IPC.

8. Connect the Keyboard

Plug the keyboard into USB interface on the back of IPC.

II. System Settings

Click the system setting icon  to enter into the system settings interface:



1. Switching System Language

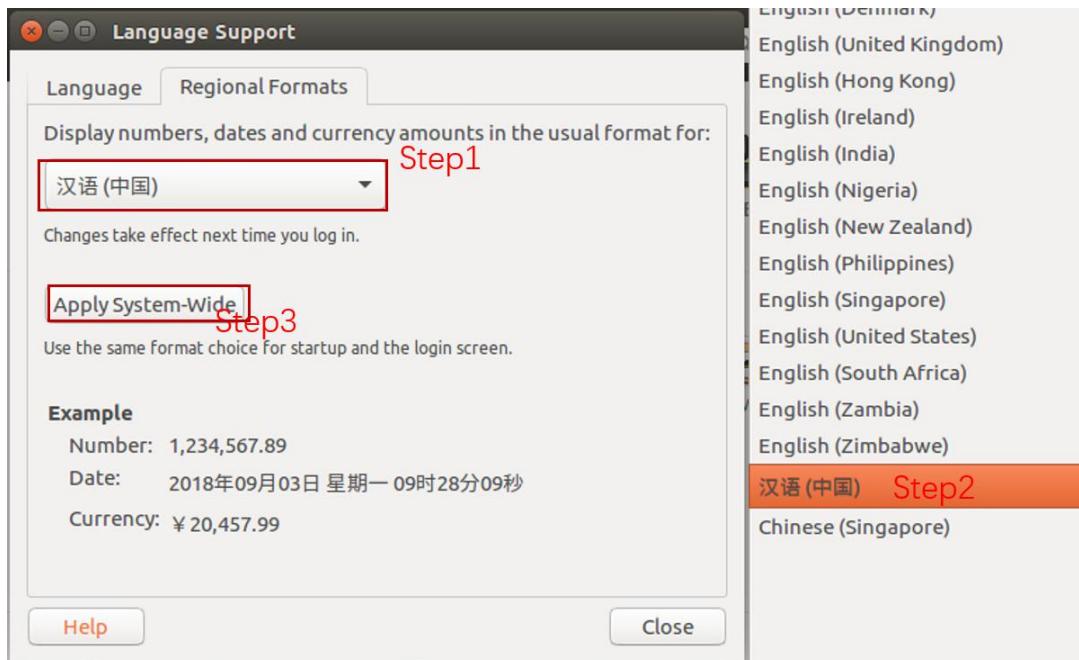
- Language setup

Click Language Support, enter the Language Support Interface, select Language, and drag the Language in the Menu and Window Language drop-down list to adjust the system language. You will need to drag the selected language to the top of the list, and click Apply to the entire system to set the language as the system language. For example, by dragging "English (United States) to the top of the list and clicking "Apply to the entire system," you can set "English (United States) to the system language.



- Setting regional format

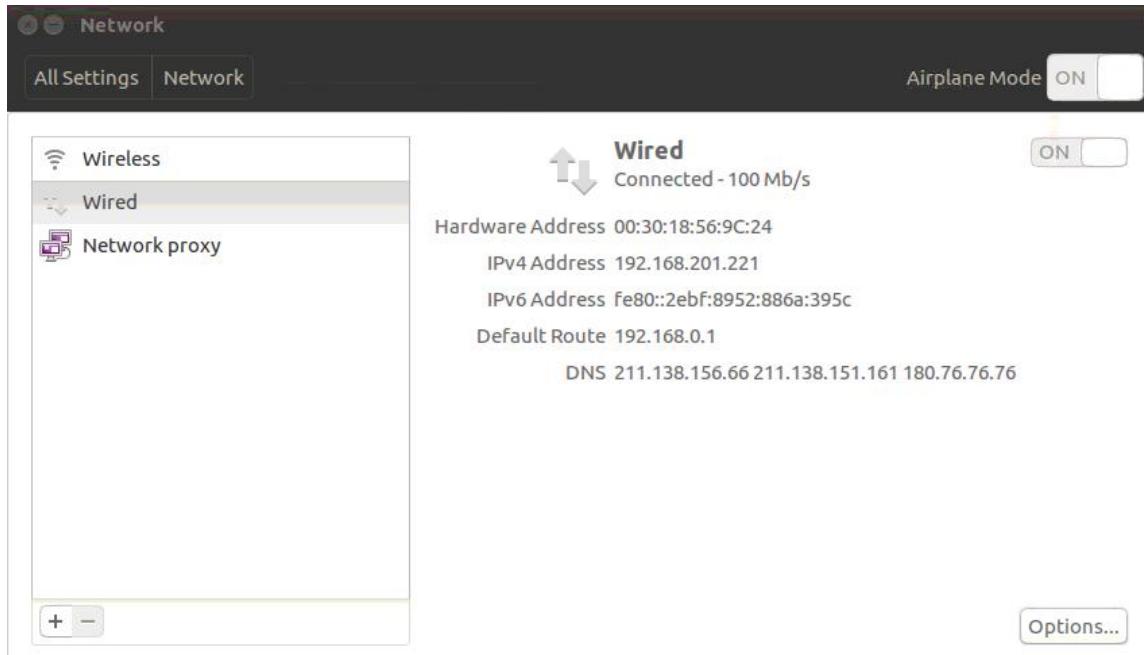
Click Language Support, enter Language Support Interface, select Area Format, select Language from the drop-down list to adjust the Area Format, and click Apply to the System to set the Area Format. For example, choose "English (United States)" and click "Apply to the entire system" to indicate that the locale is formatted as "English (United States)."

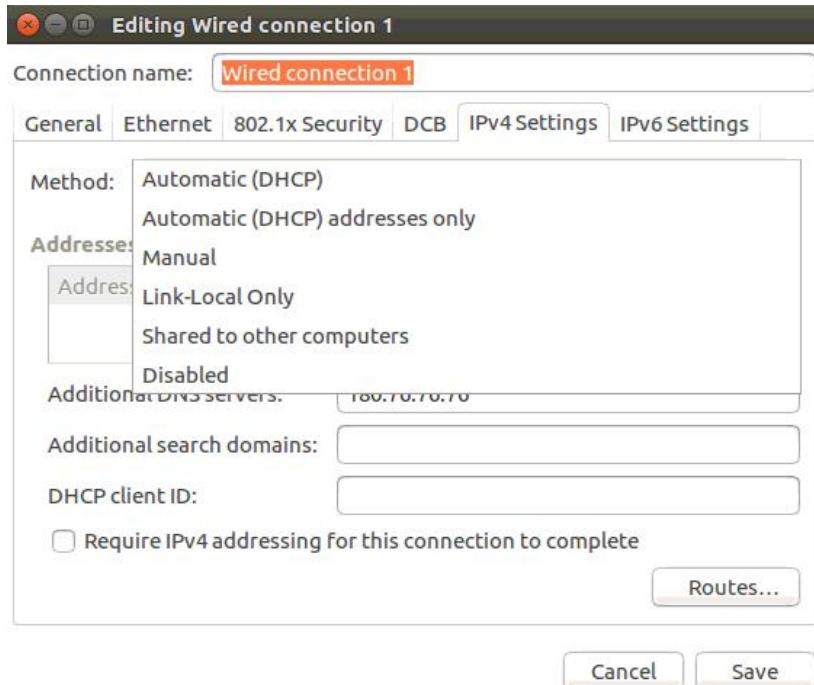


2. Network Settings

- Connect Ethernet

Click "Network" to enter into the network setting interface, then select "Wired" method to connect internet. Device support two Ethernet interfaces. After entering into the wired network connecting interface, click "Options" to enter into the detailed network setting interface and select "IPV4". The methods to obtain IP address are divided into two ways: "Set the IP address manually" or "Automatically obtain the IP address".



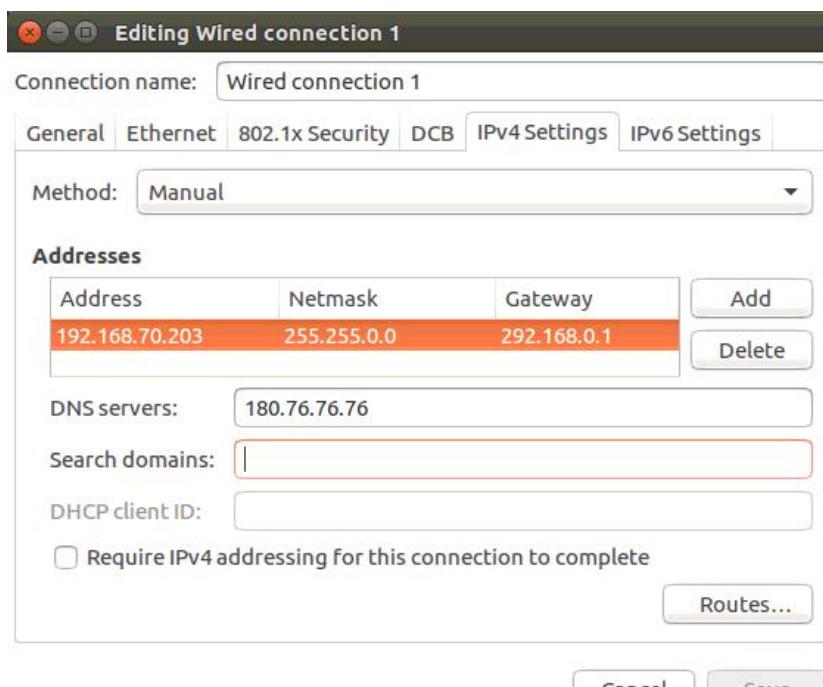


① Automatically obtain the IP address

Click the "Method" to expand drop-down box, then select "Automatic" which means system obtain the IP address automatically. After finishing selecting, click "Save" to return to the network setting and restart the network setting. Then system will obtain IP address automatically.

② Set the IP address manually

Click the "Method" to expand drop-down box, then select "Manual" which means it require user set the IP address manually. Click "Add" in the address bar and input the IP address in the IP address bar, then switch to subnet mask setting and input IP address, subnet mask, network management, DNS server and other parameters. After finishing input, click "Save" to return to the network setting interface and restart network.



● Connect WIFI

Click “Network” button to enter into the network setting interface, then select “Wireless” and choose WIFI devices. Input password in the pop-up WIFI Network Authentication Required interface and click “Connect” button. After successfully connecting, restart network for connecting WIFI.

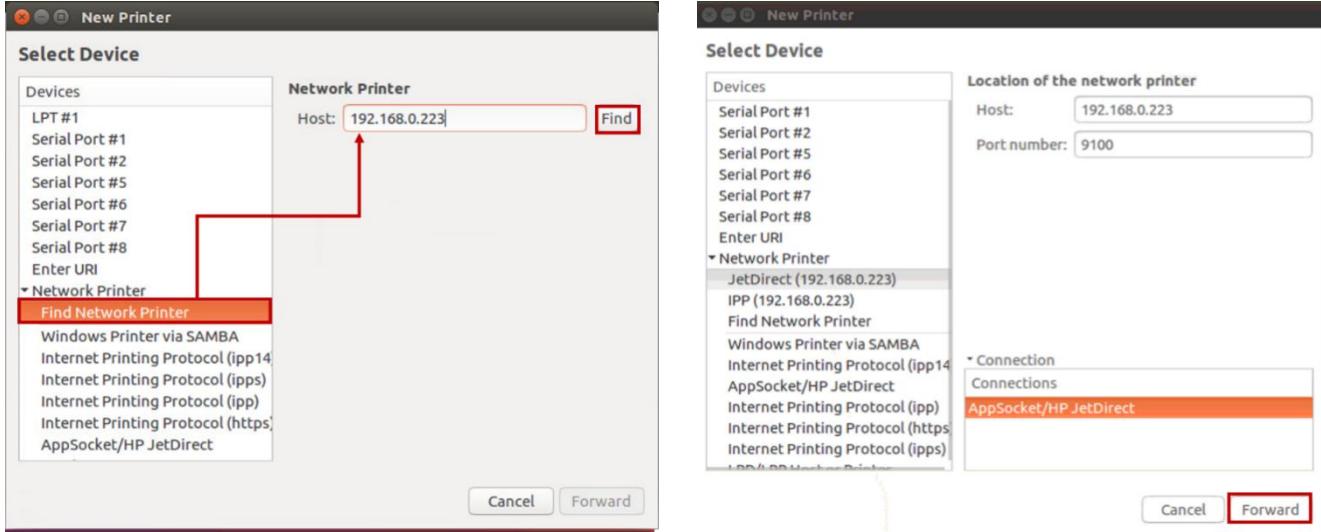


3. Add printer

Click [Printer], enter the printer interface, select [Add], enter the printer configuration interface.

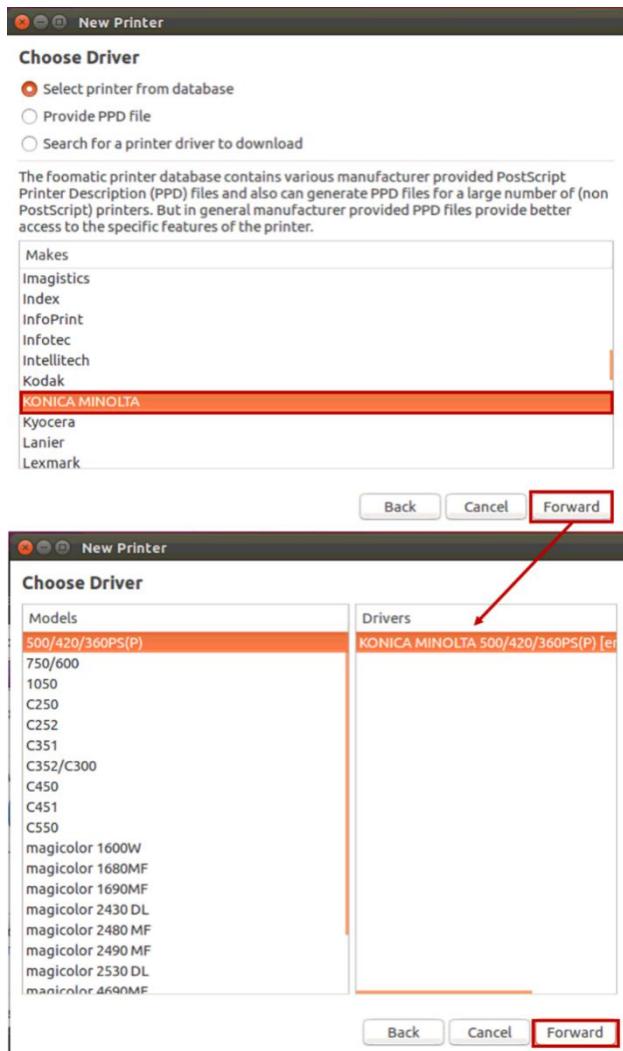
① Search network equipment

Select [Find Network Printer] in the printer configuration interface, enter the correct host IP address, click [Search], wait for the equipment to be searched, and click [Forward] to enter the driver configuration interface.



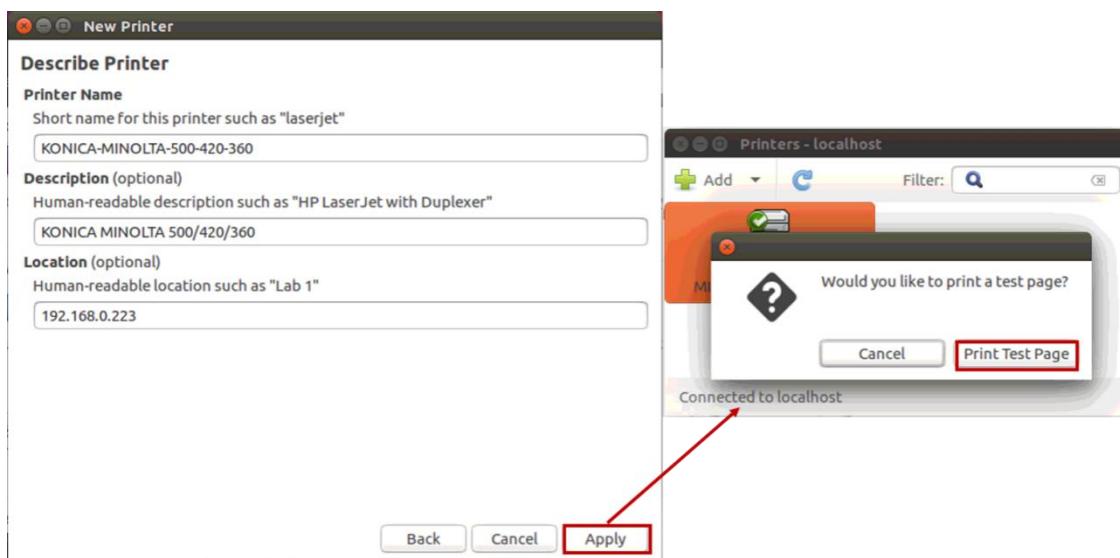
② Drive configuration

Select the driver corresponding to the printer equipment in the driver configuration interface, click [Forward], select the appropriate model, click [Enter], enter the installable option, here by default, click [Forward] to enter the printer description interface.



③ Complete printer configuration

Fill in the relevant information in the printer description interface, click [Apply] after filling in, wait for the printer to be added. After the addition is successful, the print test page interface will pop up, select [Print Test Page] to confirm that the printer has been configured successfully.

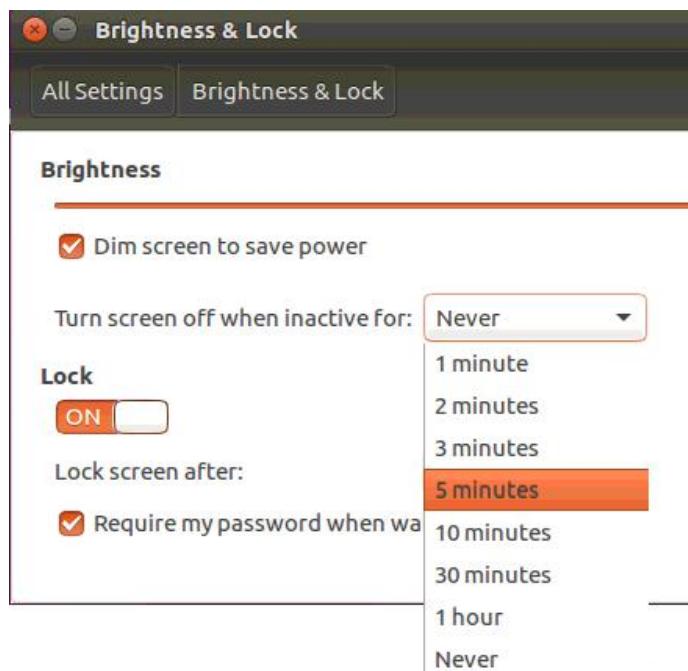


4. Screen Protection Settings

Click “Brightness & Lock” button to enter into the Brightness & Lock interface, then set screen brightness and screen locking for protecting screen.

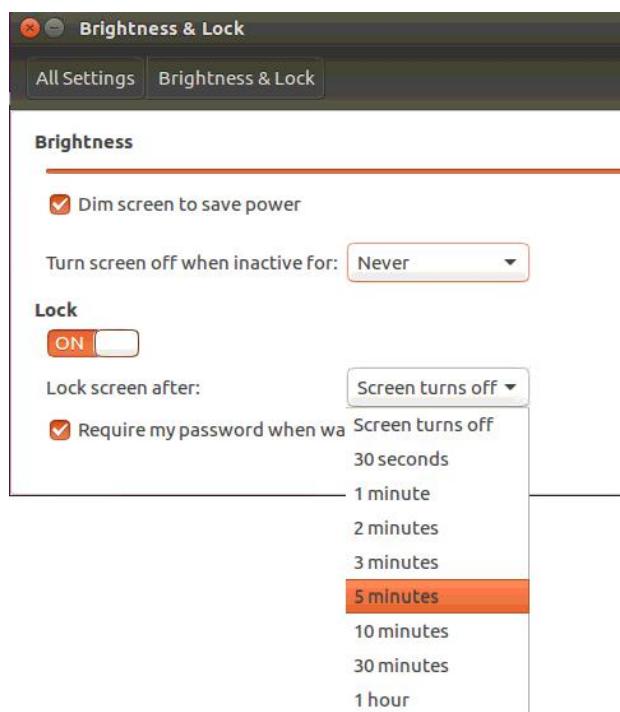
- **Screen brightness**

Select time period when system will close screen automatically if system do not detect any action in the brightness menu drop-down box.



- **Lock the Screen**

Open “Lock” switch and select time period when system will close screen automatically if system do not detect any action in the brightness menu drop-down box.



5. Date/Time settings

Click “Time & Date” button to enter into the Time & Date interface.

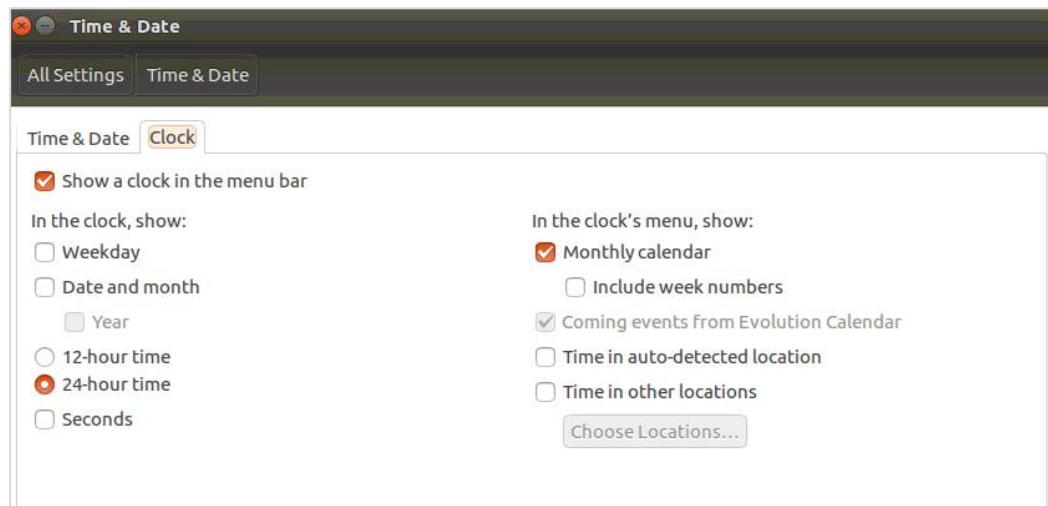
● Adjust Time and Date

In the “Time & Date” interface, set the method of getting time “Manually”, which means user need to adjust time and date manually; Set the method of getting time “Automatically from the internet” which means system obtain time and date from internet automatically.



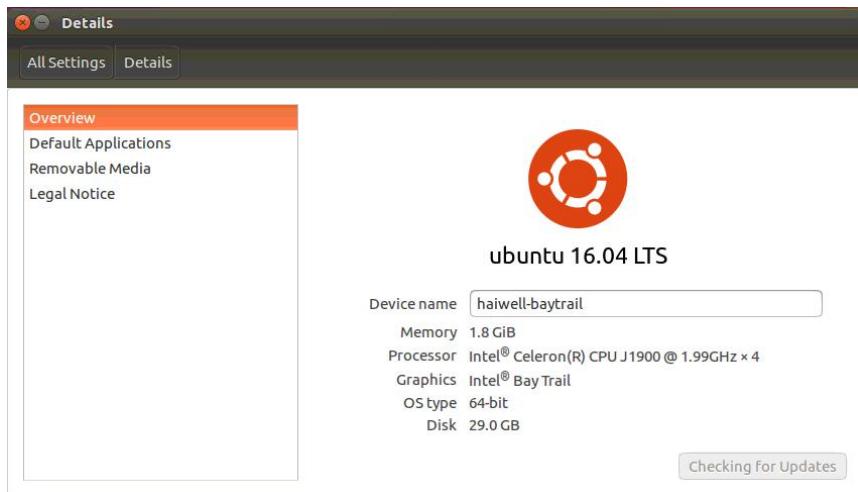
● Clock Format setting

Enter into the Clock interface to set display mode of clock and calendar.



6. View Hardware Information

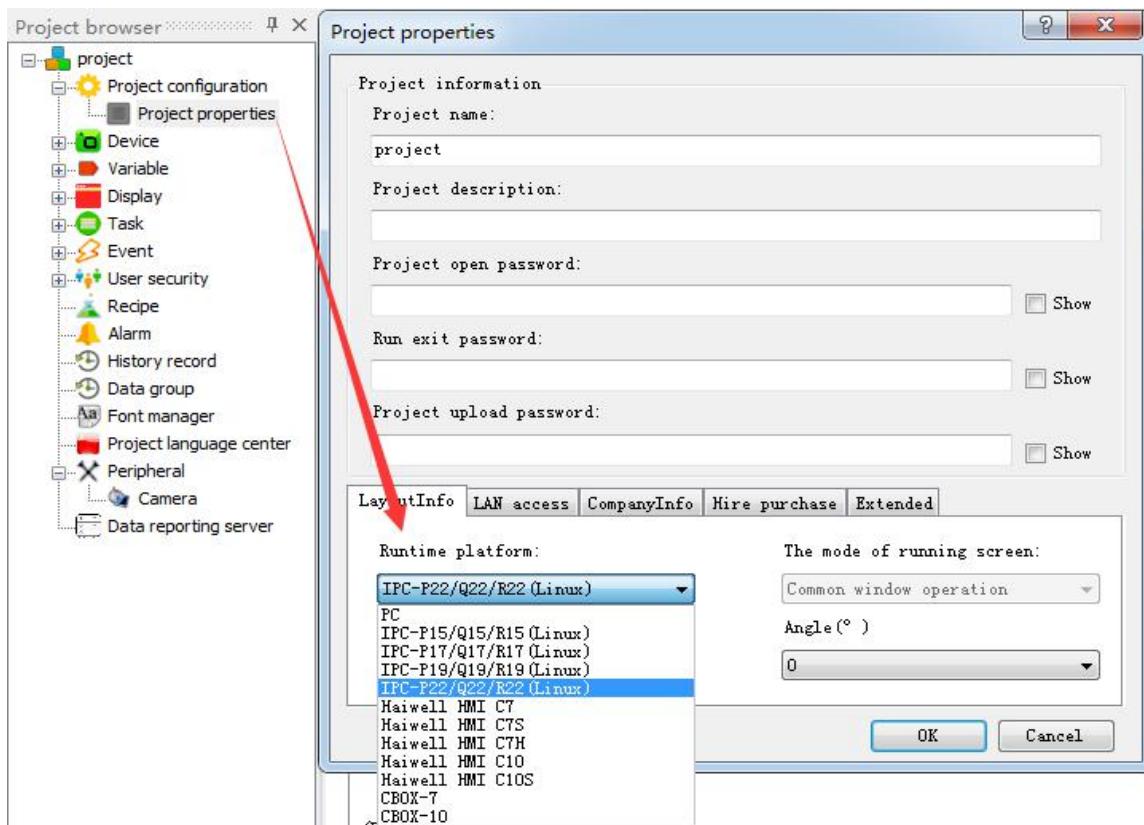
Click “Overview” and enter into the detailed hardware information interface to view system hardware information including Device name, Memory, Processor, Graphics, OS type and Disk.



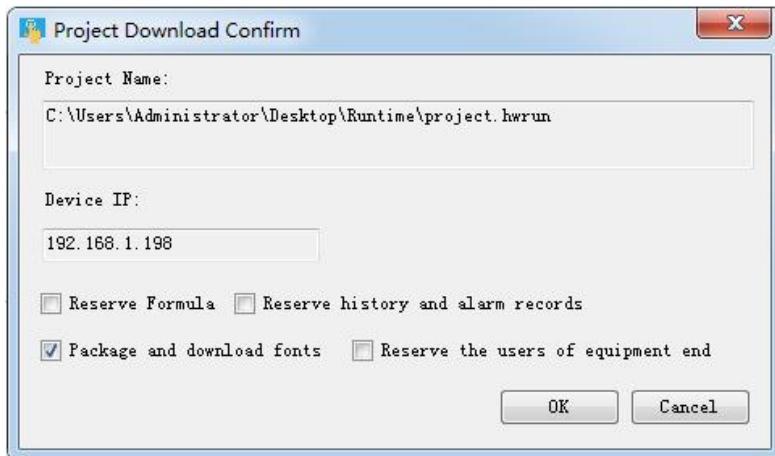
III. Using Project

1. Download Project

① Select the device model: open the configuration software, create a new project, expand the “Project configuration” in the Project browser, click “Project properties” to enter the project properties configuration interface, and select the device model which is consistent with the current device model in the layout information column.



② Download project: enter the device manager, use local manager or cloud manager, click “Download Project” to enter the project confirm download interface and decide whether to keep the history and alarm records, recipes, fonts, and users on the device side or not. After settings, click “Confirm”, wait for the pop-up prompt which displays “Download successful!” click “OK”. Then run the project on the device.



2. Running Project

Double click the icon of Haiwell Scada running end  on the device desktop to run the configuration project, which can communicate with PLC through current device.

3. Switching to Full-Screen Mode

The device supports the use of shortcut key [F11] on external keyboard to switch to full-screen window mode.

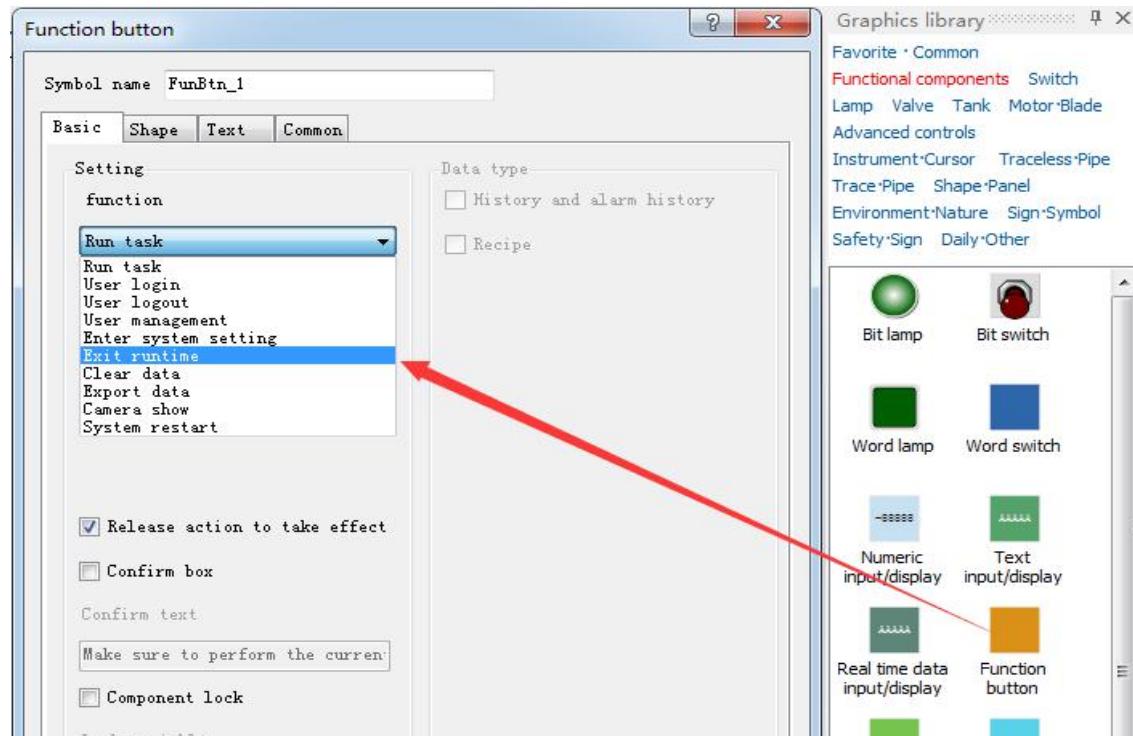
4. Exiting Project

① The device supports the use of shortcut key [Ctrl+Q] on external keyboard to exit the project.

② If it is unable to access the external keyboard due to the limitations of the field environment, it is also possible to add the "Exit runtime" function button through the configuration software to exit project. The project can be exited by clicking the "Exit runtime" button. The operation method is as follows:

Adding graphics elements: expand the graphics library, select "functional button", select "functional button" and add current button to the screen.

Setting function- the function button on the mouse screen, select "Exit runtime" in the function setting drop-down box.



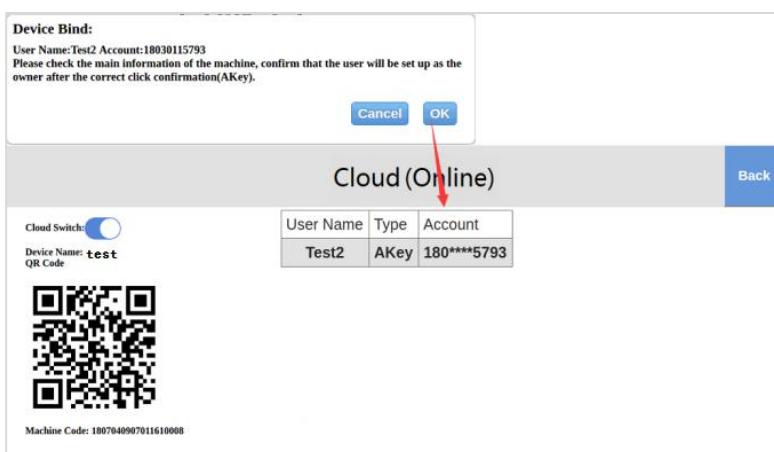
III. Remote control device

1. Device Bind

- Double click “Haiwell Cloud Setting” icon  on the device desktop to open Cloud switch, pop-up QR code and machine code.

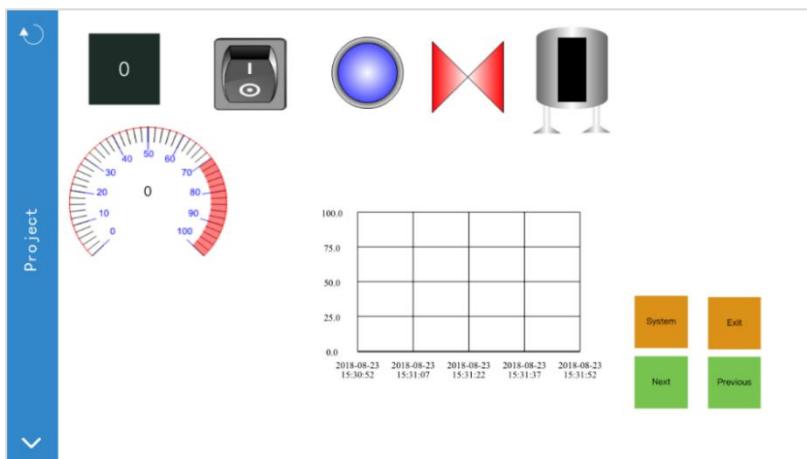


- Mobile login APP, enter "device" interface, click the button  on the upper left corner of the main interface, scan QR codes to add device. Click “OK” in the pop-up prompt box to confirm bind. After the device was added successfully, the user can access it remotely and exit the cloud setting interface by using shortcut key [Ctrl+Q] on the external keyboard.



2. Remote Control

Open the mobile APP to enter into the device interface; The device can be accessed by clicking “Direct Access”. If the current project allows remote operation, the user can control the device remotely via mobile phone.



V. Device Manager

Opens the configuration design end and clicks the device manager icon  in the menu bar to enter the device manager; Or click "Program" button to expand the installation file and click "Device Manager" button to enter the Device Manager. It supports to use local manager and cloud manager to control devices effectively.

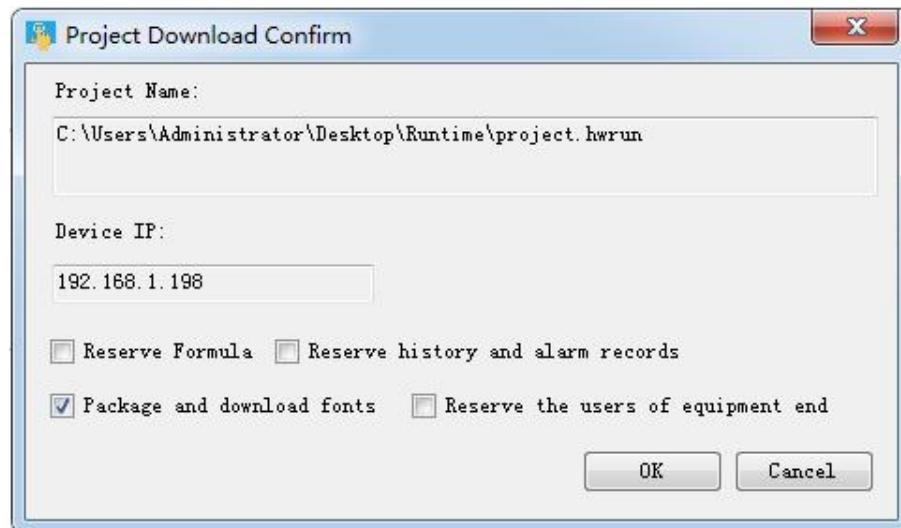
1. Local Manager

Enter the device manager, click "Local Manager" button, select the device according to the IP address set by the device, and click "Management" button to enter the current device manager. The current device has some operations as follows:



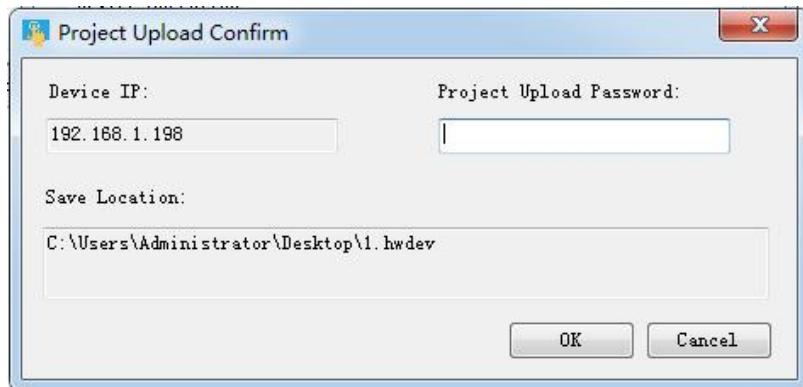
● Download Project

Click "Download Project" to enter the project confirm download interface and decide whether to keep history and alarm records, recipes, fonts, and users on the device side or not. After settings, click "Confirm", wait for the pop-up prompt which displays "Download successful!" click "OK" Then run the project on the device.



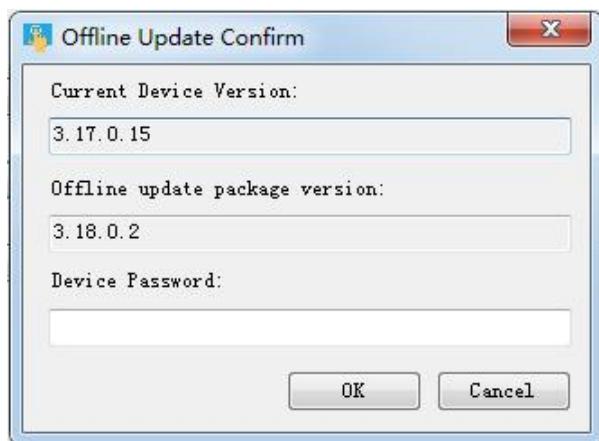
- Upload Project

Click "Upload Project" button, select the project upload path and project name, and click "Save" button; After entering into the project upload confirmation interface, if the project need the upload password, user must input the upload password in "project upload password" column, click "upload" and wait for the pop-up prompt "project uploaded successfully!" Then click "OK" button to run the project on the PC.



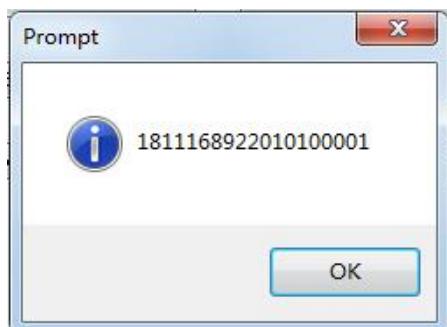
- Offline Update

Click "Offline Update" button, select firmware package, click "Open" button to enter into the offline update confirmation interface, click "update" button, and wait for the pop-up prompt "uploaded successfully!", then click "OK" button.



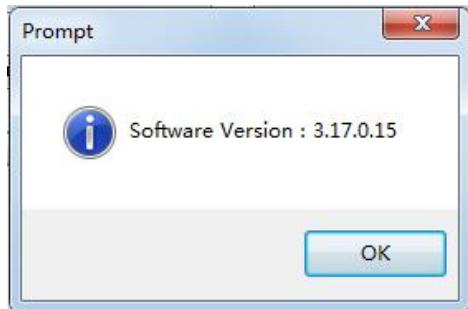
- Obtain PN Code

Click "Obtain PN Code" button to view PN Code of current device.



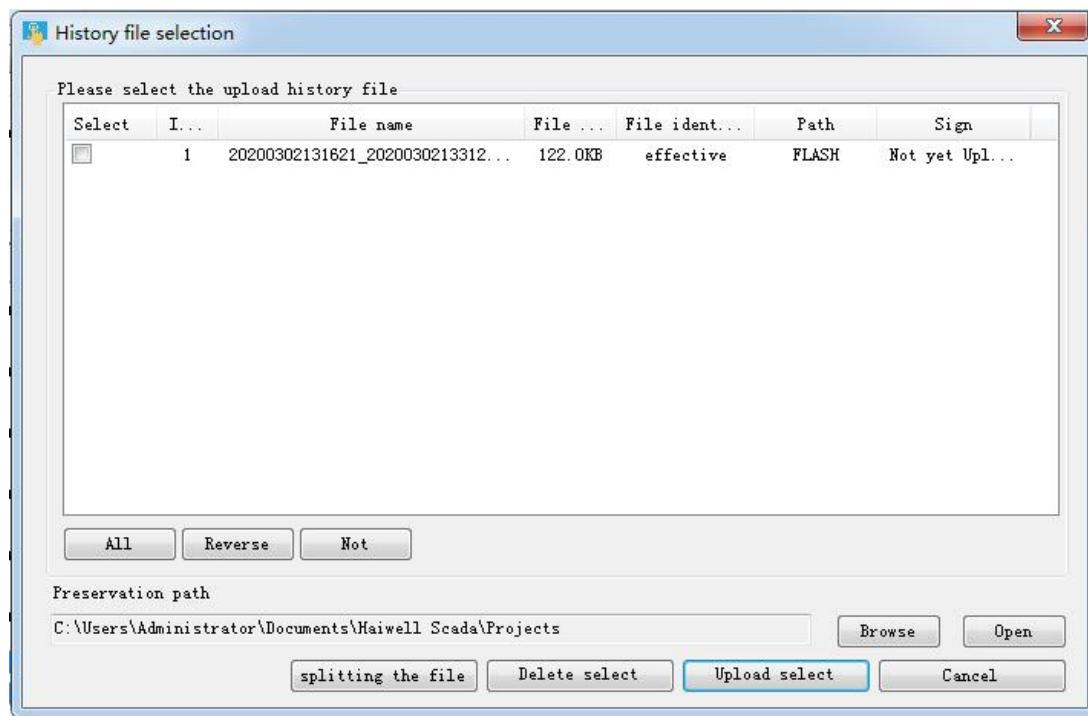
- Detect Version

Click "Detect Version" button to view software and hardware information of current device.



- [Upload historical files](#)

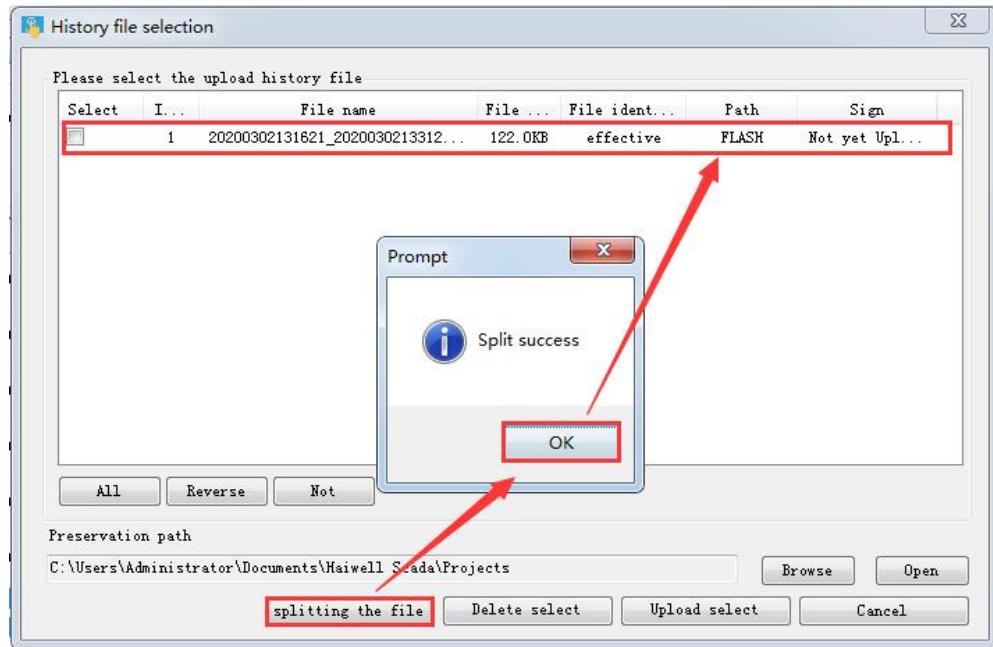
Click "History file upload" to enter the history files upload interface.



① Split history file

Step 1: Click "Splitting the file" to select the history file of the latest period;

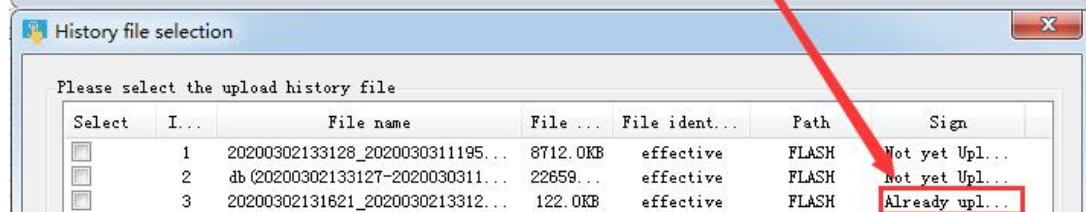
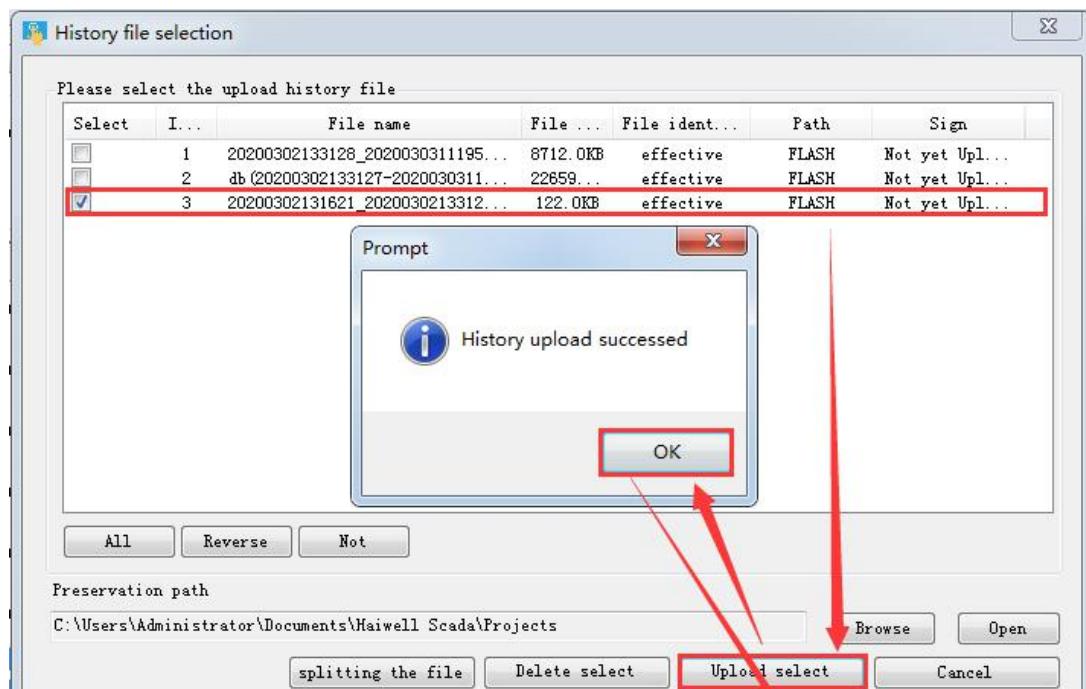
Step 2: Wait for the history file to be successfully selected, and pop up the "Split success" prompt box, click "OK", and add the current selected history file to the history file list.



②Upload history file

Step 1: Select the history file in the list of history files, enter the storage path of history files, and click "upload select";

Step 2: Wait for the history file to be uploaded successfully, the "History upload successed" prompt box will pop up, and click "OK". After uploading, the current history file will be marked as "Already uploaded".

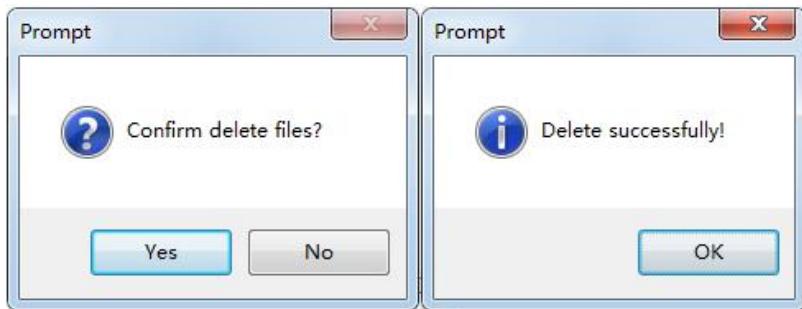


③Delete history files

Step 1: Select history file in the history file list and click "Delete selected file";

Step 2: It pop up the confirmation delete file prompt box, click "yes";

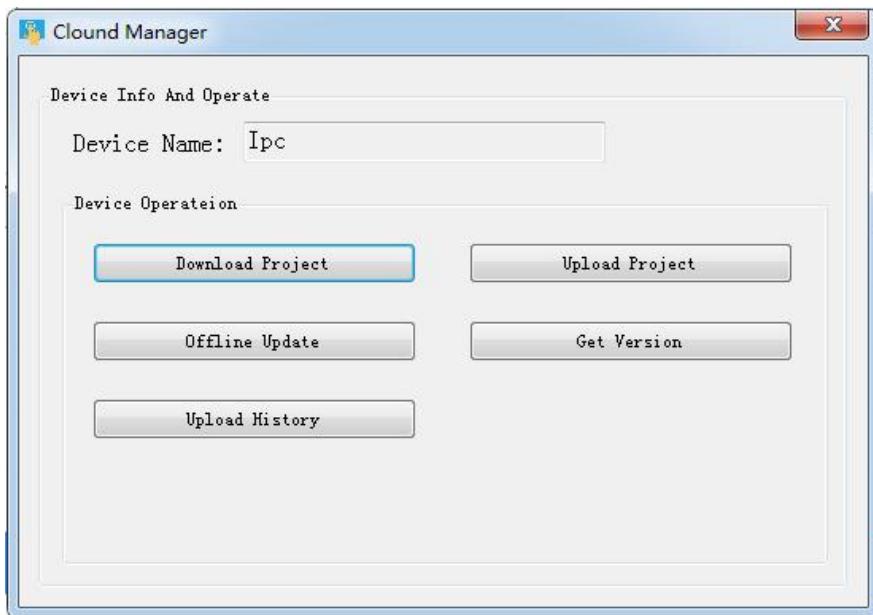
Step 3: Wait for the history file to be deleted successfully, and the "Delete successfully!" Prompt box pops up, click [OK].



2.Cloud Manager

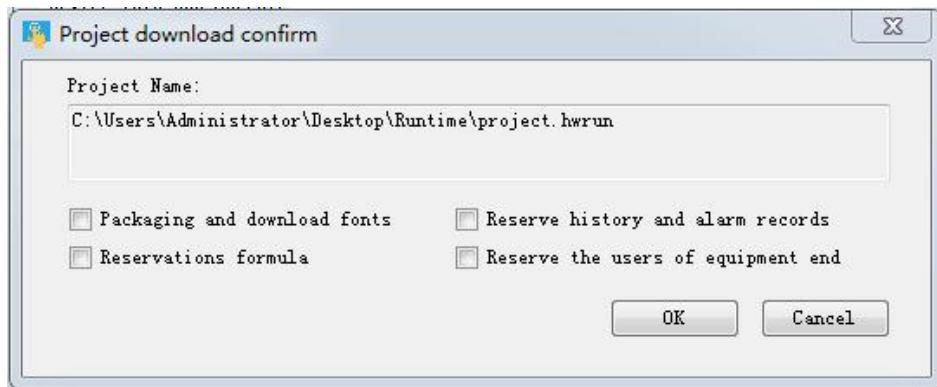
Enter the device manager and click "Cloud Manager". You can choose mobile phone login or email login. Tip: the device administrator and owner can manage the current device through the cloud manager but ordinary users do not have device management rights.

The users enter the correct account and password, and then click "Login" to enter the device manager. Select the device and click "Management" to enter the current device manager. The current device has some operations as follows:



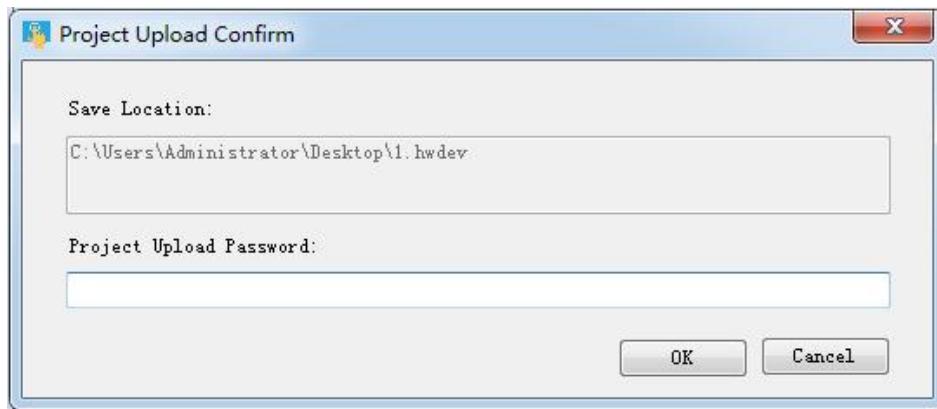
● Download Project

Click "Download Project" to enter the project confirm download interface and decide whether to keep history and alarm records, recipes, fonts, and users on the device side or not. After settings, click "Confirm", wait for the pop-up prompt "Download successful!" click "OK" Then run the project on the device.



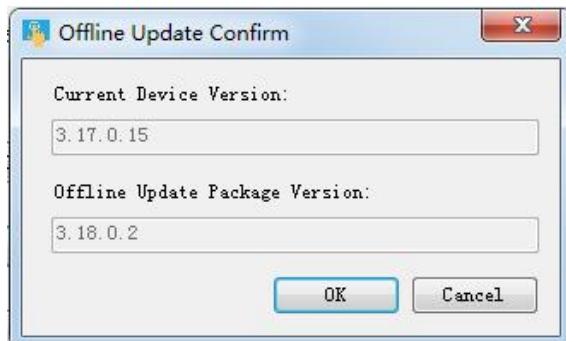
● Upload Project

Click "Upload Project" button, select the project upload path and project name, and click "Save" button; After entering into the project upload confirmation interface, if the project need the upload password, user must input the upload password in "project upload password" column, click "upload" and wait for the pop-up prompt "project uploaded successfully!" Then click "OK" button to run the project on the PC.



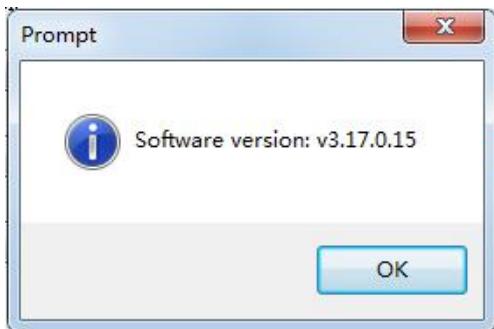
● Offline Update

Click "Offline Update" button, select firmware package, click "Open" button to enter into the offline update confirmation interface, click "update" button, and wait for the pop-up prompt "uploaded successfully!" then click "OK" button.



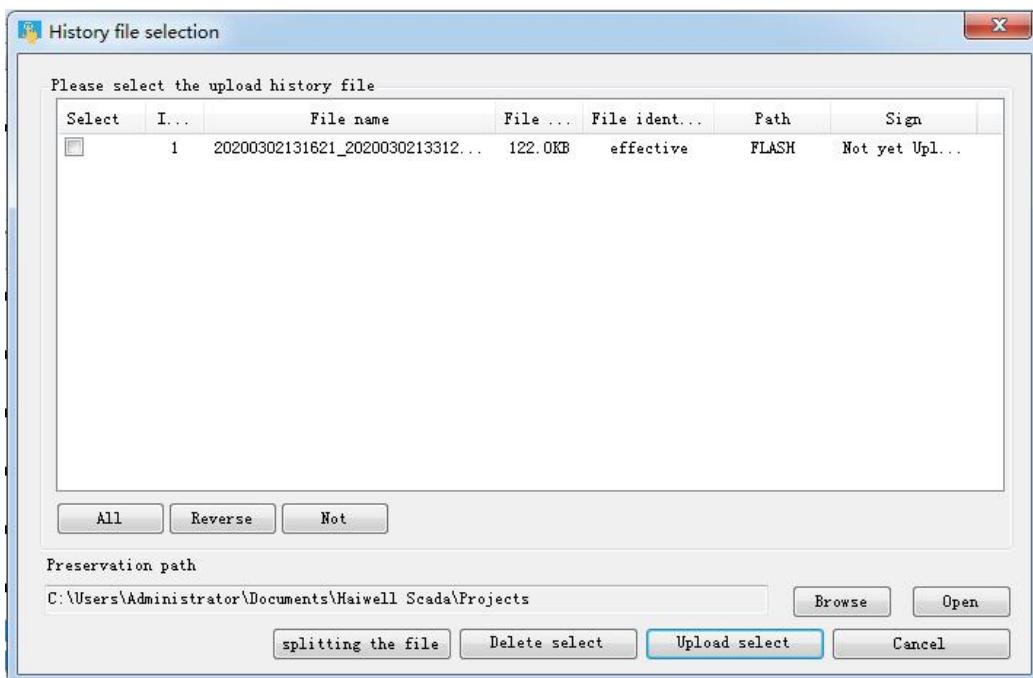
● Detect Version

Click "Detect Version" button to view software and hardware information of current device.



- Upload historical files

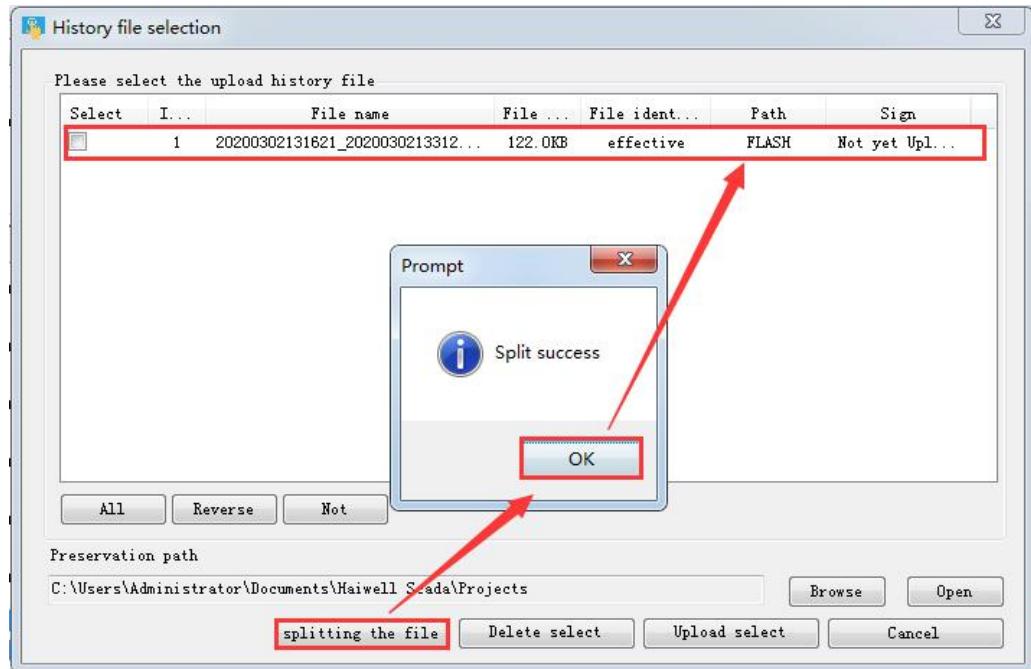
Click "History Upload" to enter the history files upload interface.



① Split history file

Step 1: Click "Splitting the file" to select the history file of the latest period;

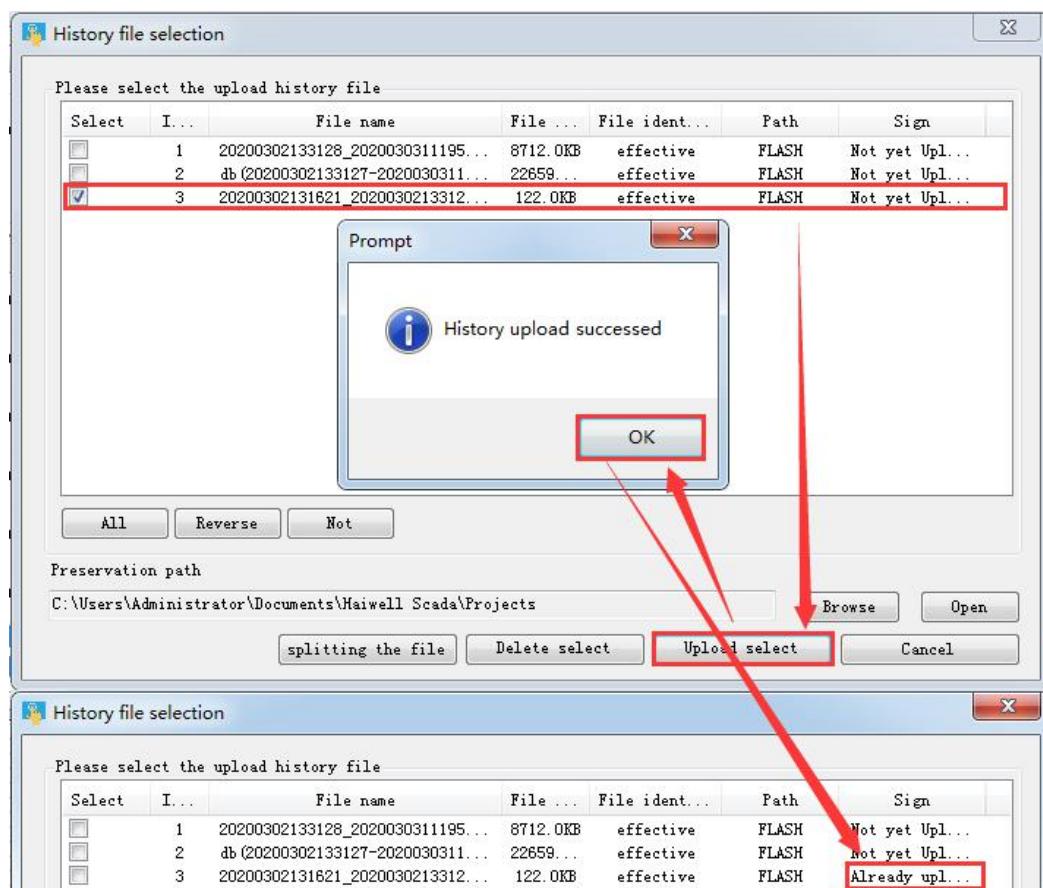
Step 2: Wait for the history file to be successfully selected, and pop up the "Split success" prompt box, click "OK", and add the current selected history file to the history file list.



②Upload history file

Step 1: Select the history file in the list of history files, enter the storage path of history files, and click "upload select";

Step 2: Wait for the history file to be uploaded successfully, the "history upload successed" prompt box will pop up, and click "OK". After uploading, the current history file will be marked as "Already uploaded".



③Delete history files

Step 1: Select history file in the history file list and click "Delete selected file";

Step 2: It pop up the confirmation delete file prompt box, click "yes";

Step 3: Wait for the history file to be deleted successfully, and the "Delete successfully!" Prompt box pops up, click [OK].

