

SENSOR KM-S16 USER MANUAL



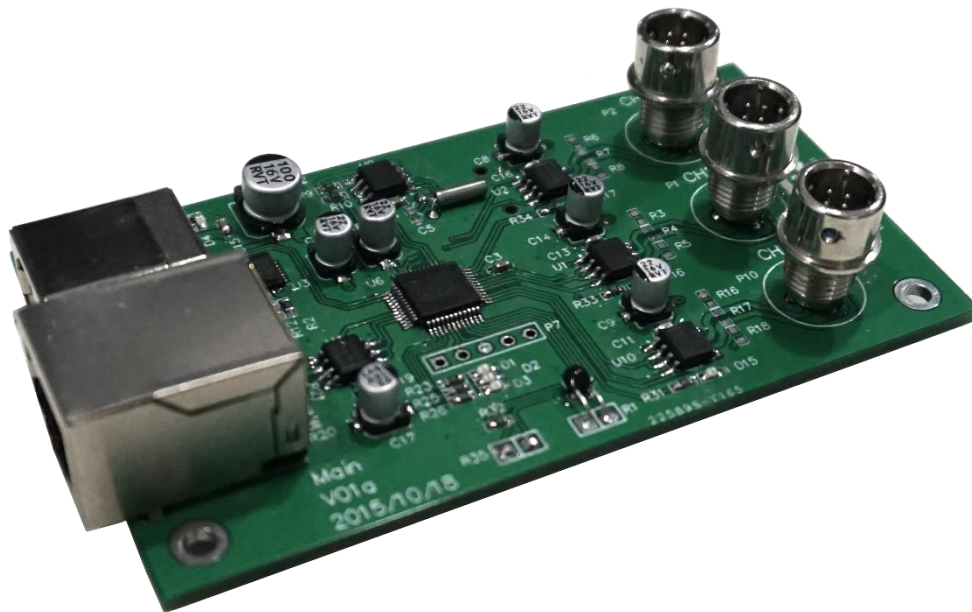
Kazo Vision

WEB: <http://www.kazovision.com> MAIL: sales@kazovision.com

1. Description of Product

1.1 Main board

Name	Details
Main board	Model : KM-S16 ◆ Collecting the data of the ambient temperature, humidity and the brightness. It can be used to remote control the player which is compatible with “ KAZO VISION Digital Signage System ”.



1.2 Power controller board B

Name	Details
Power control board B	◆ Remotely setting up the on-off time of the player via Internet by the WEB server. (For the 220v power)



1.3 Sensor A

Name	Details
Sensor A	◆ Outdoors' brightness and temperature sensor



1.4 Sensor B

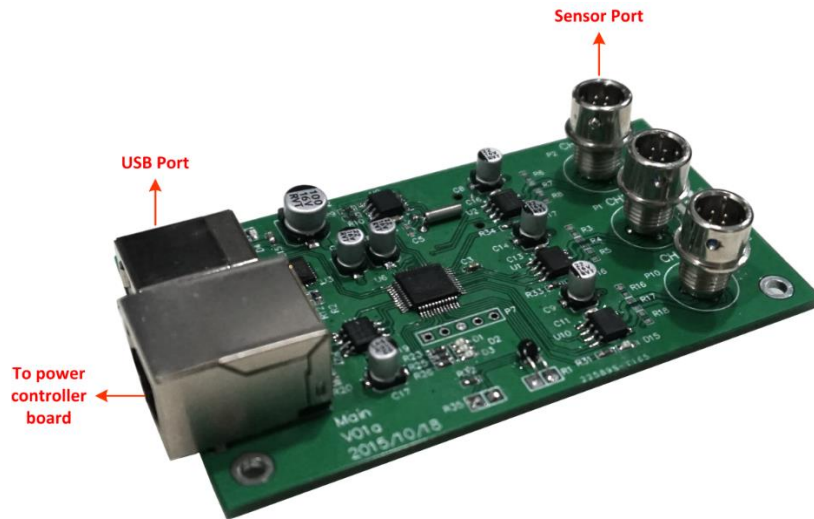
Name	Details
Sensor B	◆ Outdoors' temperature sensor



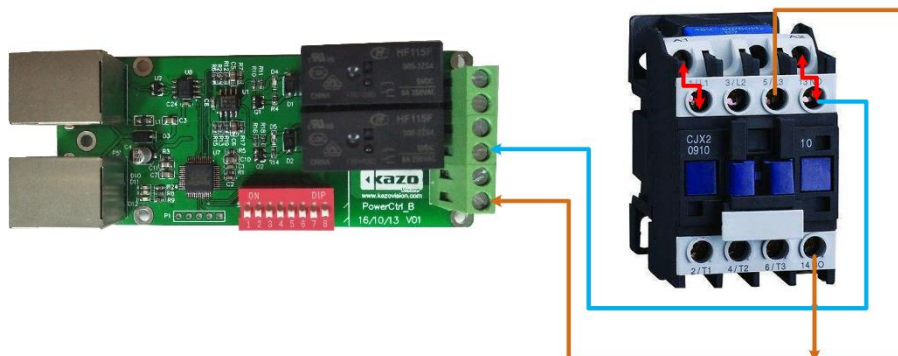
2. Connection of Sensor

USB date port: It will connect with the USB port on the player

External cable port: There is a brightness and temperature detector on the top of the external cable which is easy to be fixed on other equipment to measure the outdoor temperature and brightness.



AC contactor controller



DC-IN/DC-OUT

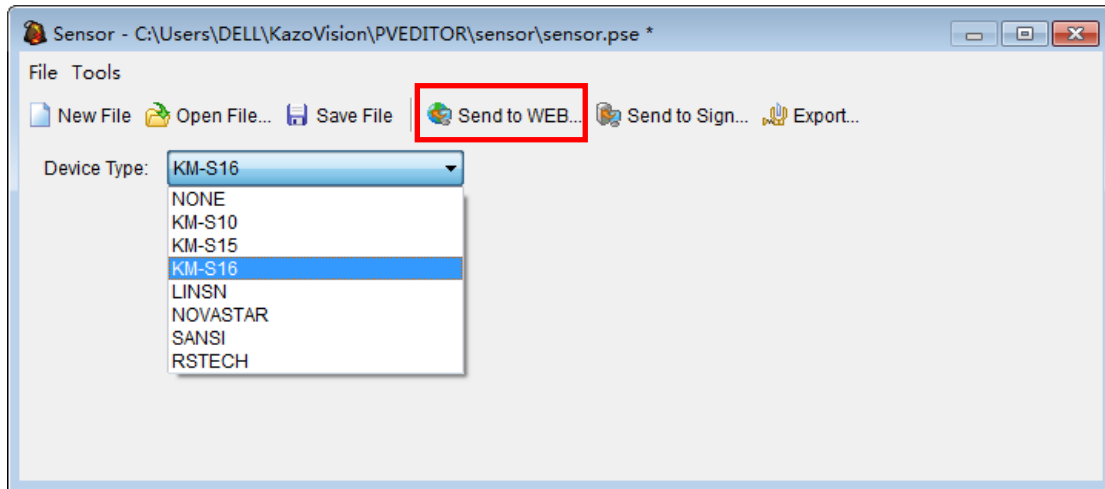


3. Software Configuration

3.1 Setting up a new sensor via Internet

If the player is connected via Internet, the sensor configuration on the player can be upgraded automatically.

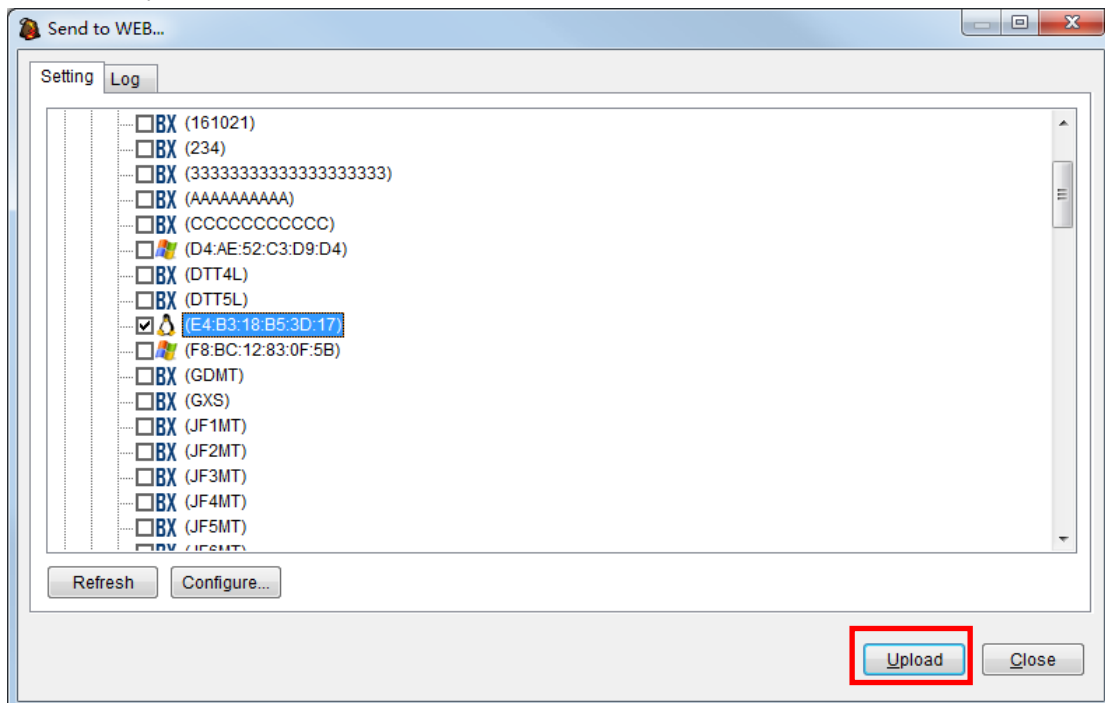
Run the 'PV editor' > 'Sign Configuration' on the taskbar > Sensor Configuration.



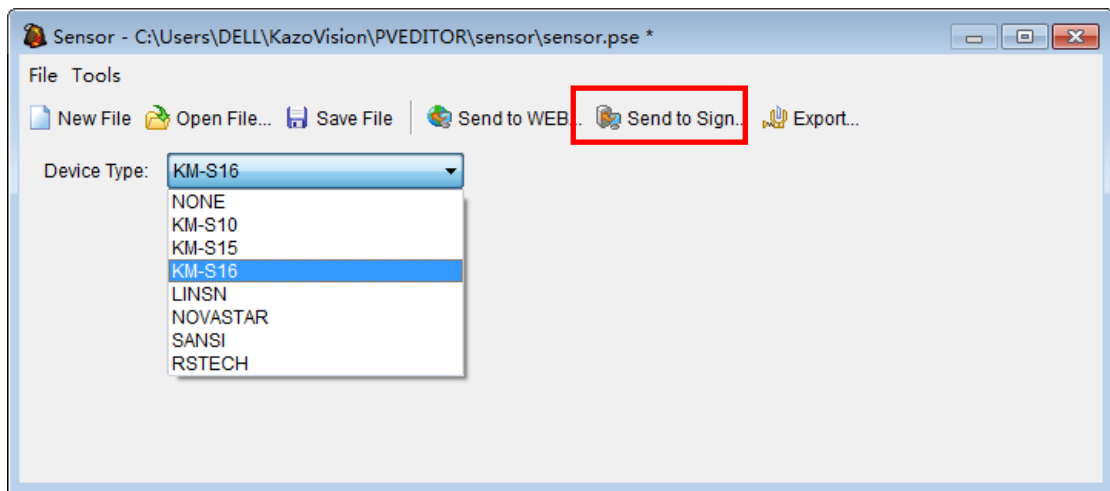
Device type: KM-S16

It allows to setting three periods switch time on the sensor.

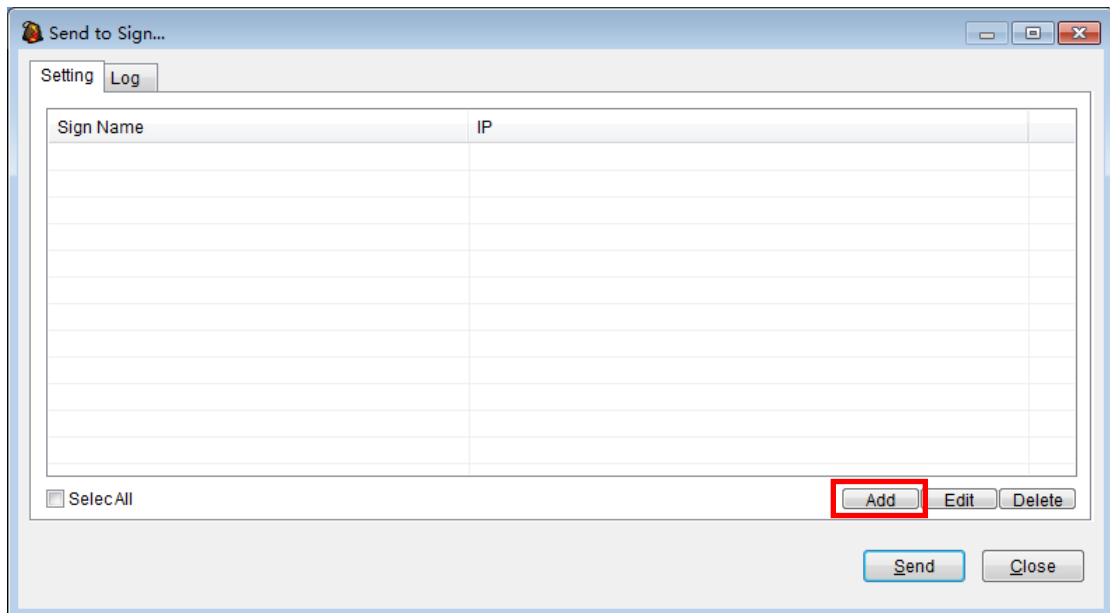
Press 'Update Configuration' to show all the players on line. Then check the player according to the MAC address. After you clicking 'Update' button, the player will get the configuration automatically via Internet.



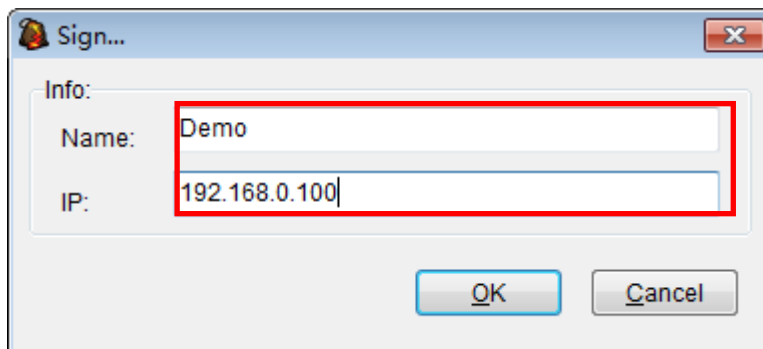
It can be chosen 'Release the Terminal'



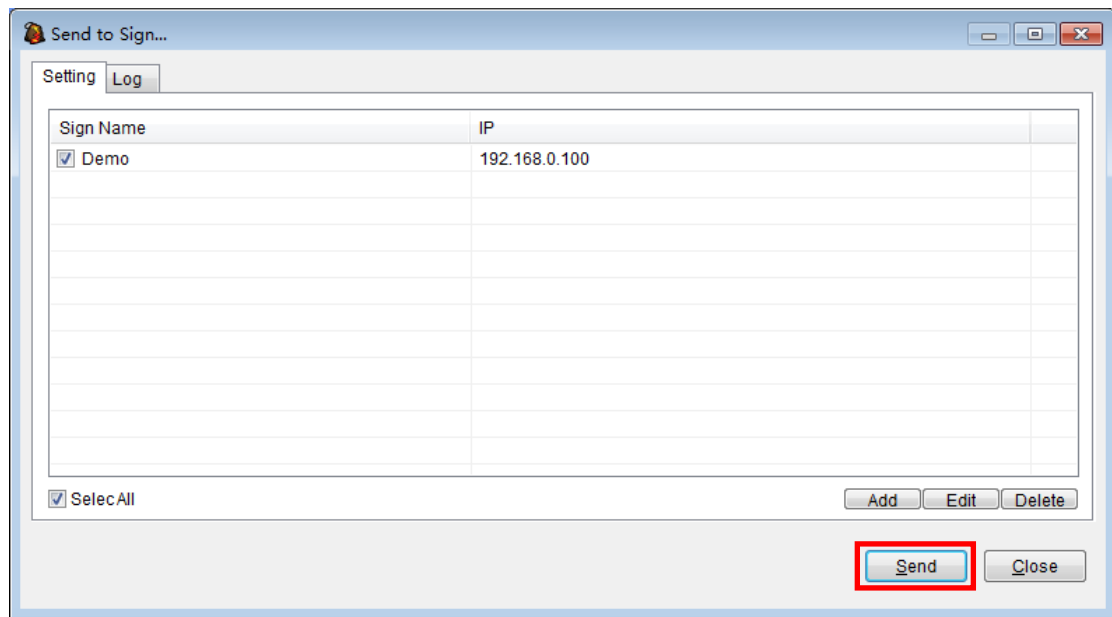
Click the 'Add' button on the interface of the 'Release to the Terminal'.



Setting up a new name and importing a IP address on the interface.



Checking the terminal and clicking the 'Sending' button will send the program to the terminal.

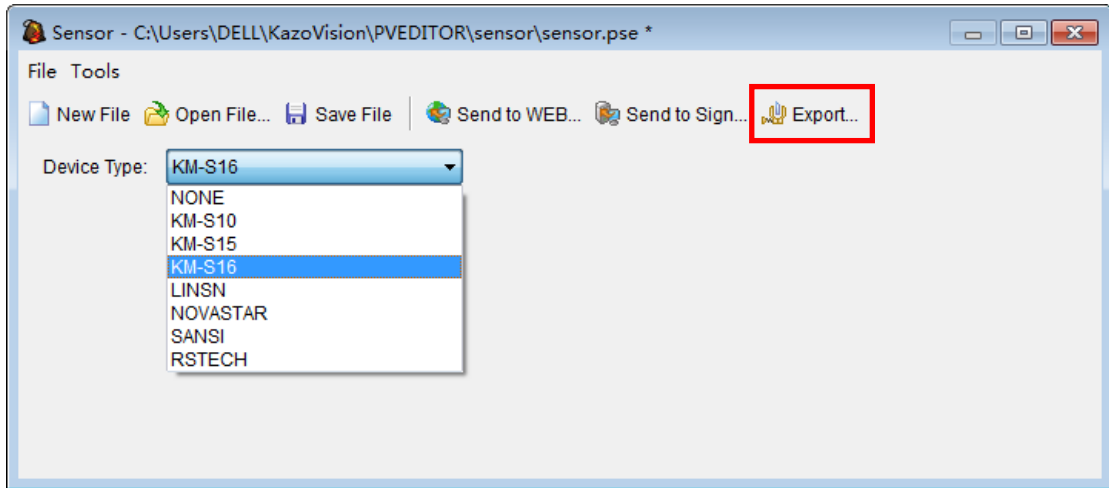


3.2 Setting up a new sensor manually

If the player fails to connect with Internet or upgrade the configuration automatically, it allows to setting the configuration manually.

Run the 'PV editor'> 'Terminal Configuration' on the taskbar> Sensor Configuration.


Open the dialog as follows,




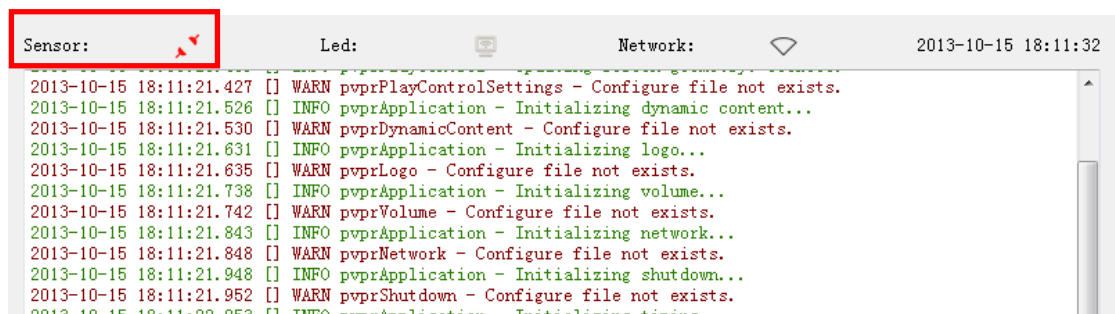
After you complete the configuration, press the 'Export' button to create a file 'sensor.configure'. Prepare a USB Disk where you should build an 'IMPORT' directory first. Then save the configuration file in this directory.

Plug the USB disk into a player, the running player will loading the configuration file automatically.

Press shortcut key 'F4' to check the connection status between player and sensor.

 It shows sensor is not connected.

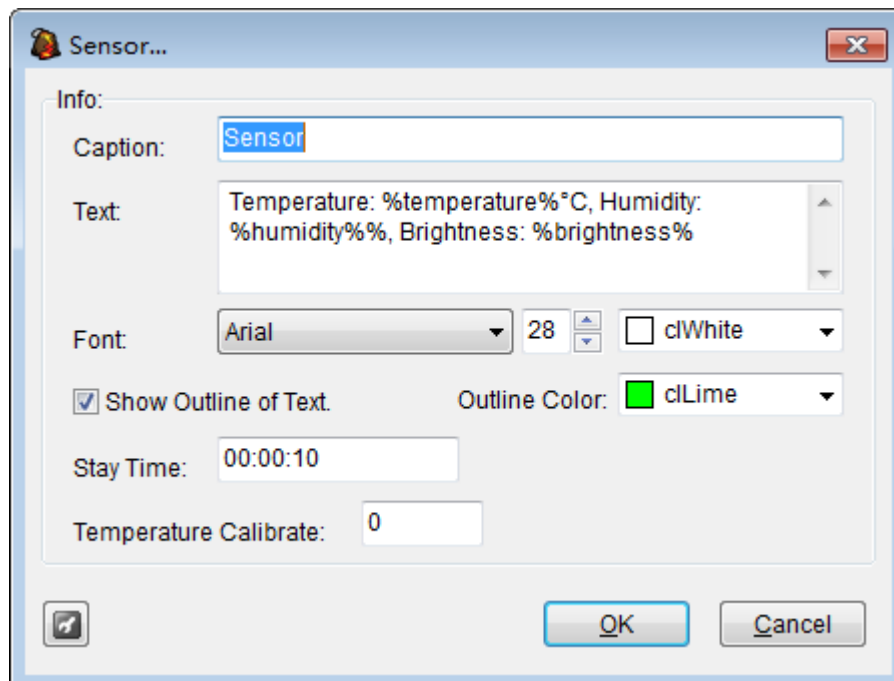
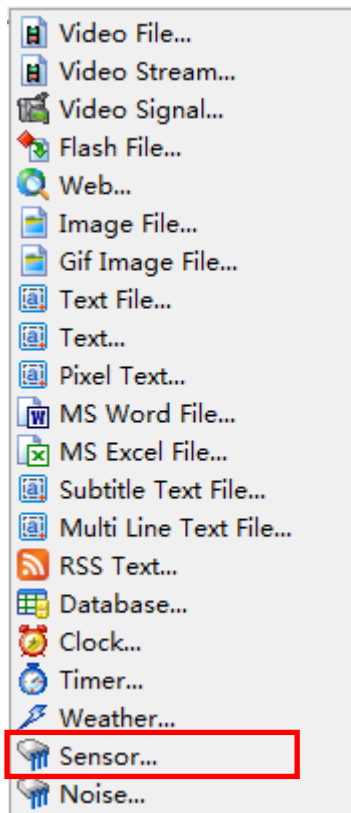
 It shows sensor is connected normally.



3.3 Sensor State Detection

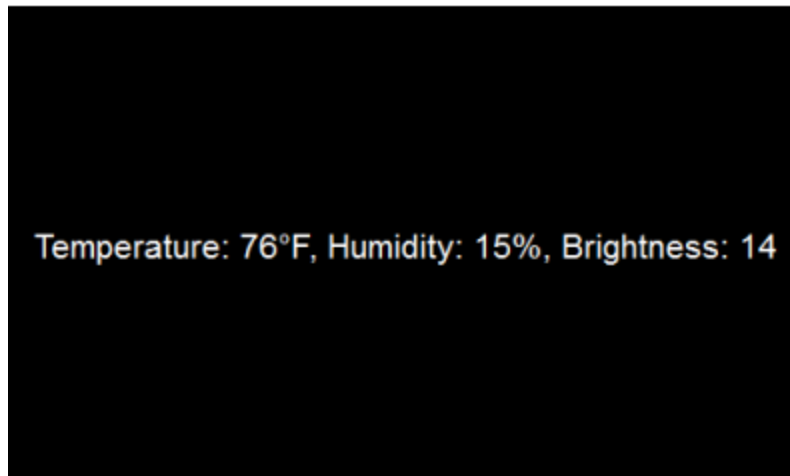
After you complete the above setting, you could use the following method to check if the sensor is working normally.

Open the PV editor. Then create a new item 'sensor' in the window.

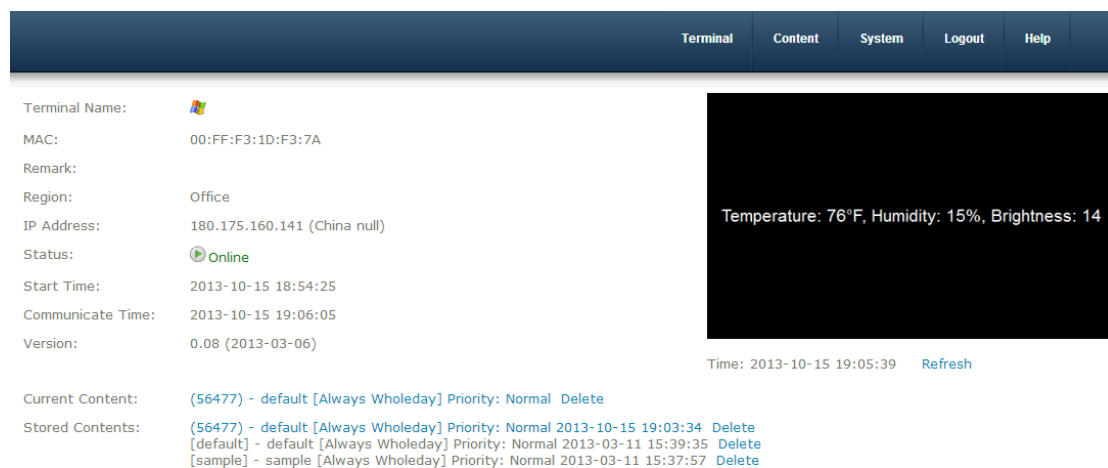


If the sensor runs, the current data of temperature, humidity and brightness will be shown on the player and editing window of PV editor.



The screen shows on the player.



Log in the WEB Serve, the corresponding screenshot can be found in the terminal status.



The screenshot shows a web interface with a dark blue header containing navigation tabs: Terminal, Content, System, Logout, and Help. Below the header, the left side displays terminal information:

- Terminal Name: 
- MAC: 00:FF:F3:1D:F3:7A
- Remark:
- Region: Office
- IP Address: 180.175.160.141 (China null)
- Status:  Online
- Start Time: 2013-10-15 18:54:25
- Communicate Time: 2013-10-15 19:06:05
- Version: 0.08 (2013-03-06)

The right side of the interface features a large black rectangular area displaying the same sensor data as the previous image: "Temperature: 76°F, Humidity: 15%, Brightness: 14". Below this area, the text "Time: 2013-10-15 19:05:39" and a "Refresh" link are visible.

At the bottom of the interface, there are sections for "Current Content:" and "Stored Contents:".

- Current Content: (56477) - default [Always Wholeday] Priority: Normal Delete
- Stored Contents: (56477) - default [Always Wholeday] Priority: Normal 2013-10-15 19:03:34 Delete
[default] - default [Always Wholeday] Priority: Normal 2013-03-11 15:39:35 Delete
[sample] - sample [Always Wholeday] Priority: Normal 2013-03-11 15:37:57 Delete



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