

# **Car Top Display**

# **User Manual**

## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ▶ -Reorient or relocate the receiving antenna.
- ▶ -Increase the separation between the equipment and receiver.
- ▶ -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ▶ -Consult the dealer or an experienced radio/TV technician for help.

### **RF warning:**

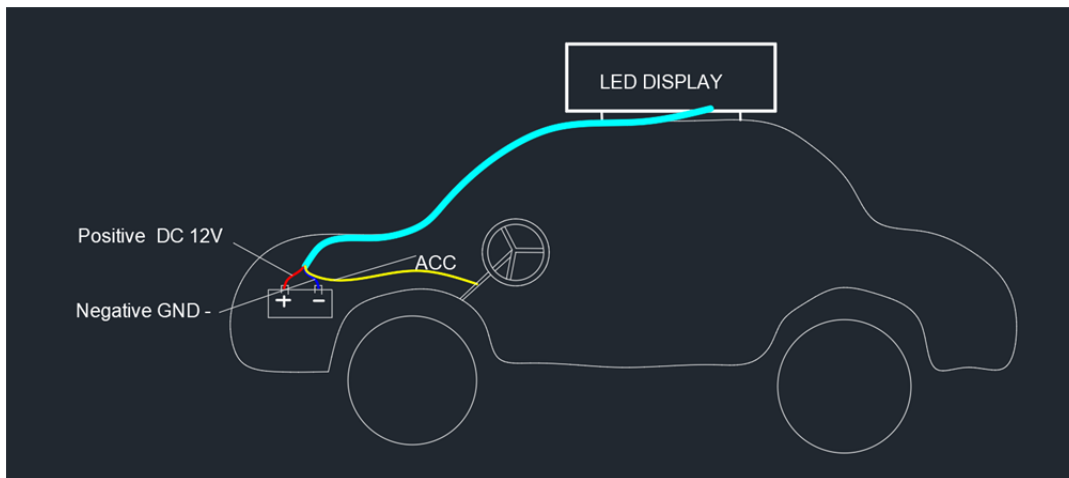
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**1. Product Specification**

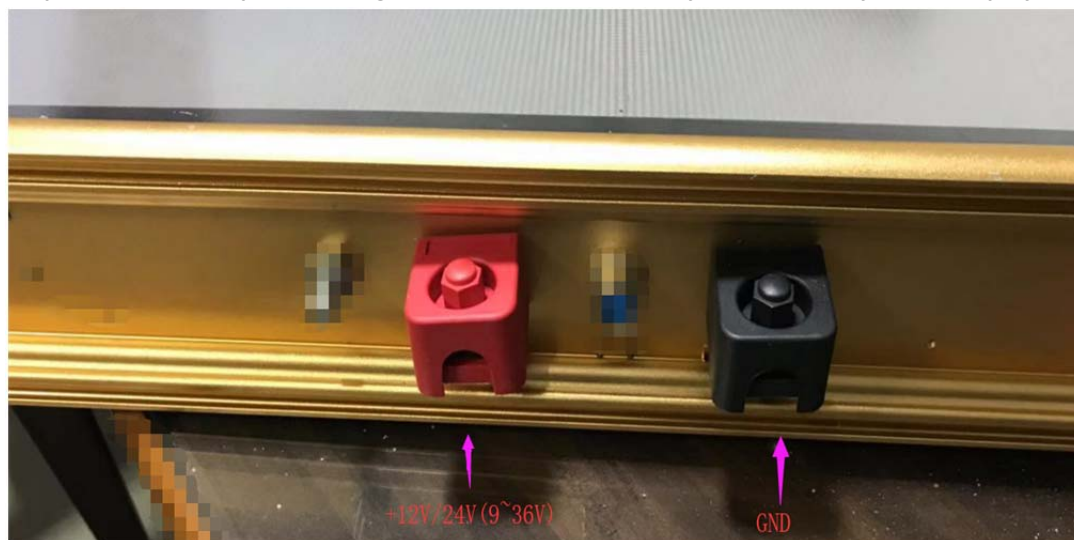
|                                      |                                                                 |
|--------------------------------------|-----------------------------------------------------------------|
| <b>Dimension:</b>                    | 986mm(W) x 390mm(H) x 98mm(T)                                   |
| <b>Color Choice:</b>                 | Silver, golden                                                  |
| <b>Pixel:</b>                        | 384x128x2@P2.5                                                  |
| <b>Weight:</b>                       | 13.5kg                                                          |
| <b>Refreshing Rate:</b>              | 3,840Hz                                                         |
| <b>Input Voltage &amp; Current :</b> | 9~36V= 34A~8A                                                   |
| <b>Max Power:</b>                    | 300W                                                            |
| <b>Brightness:</b>                   | 4,500 nits/m <sup>2</sup>                                       |
| <b>IP Rating:</b>                    | IP56                                                            |
| <b>Working Temperature:</b>          | -40~75℃                                                         |
| <b>Frequency Bands(MHz):</b>         | WCDMA-----Band 2/ Band 5<br>FDD_LTE-----Band 2/ Band 4/ Band 12 |
| <b>Memory:</b>                       | 2GB                                                             |
| <b>Flash memory:</b>                 | 16GB                                                            |
| <b>Operating System:</b>             | Android                                                         |

## 2. Installation Guide

### Connection diagram of the display



### Step 1. Connect the positive, negative and ACC wires from your car battery to the display



### Step 2. Install the display on your rooftop cross bar



### 3. How to Use the Display

#### 3.1 Create your own account:

**Step 1.** Visit our AIPS platform at <https://www.ledaips.com>

Register an account by clicking Join in below picture or you may use our test account below for a brief visit.

Admin Account: dreamTaxiTest

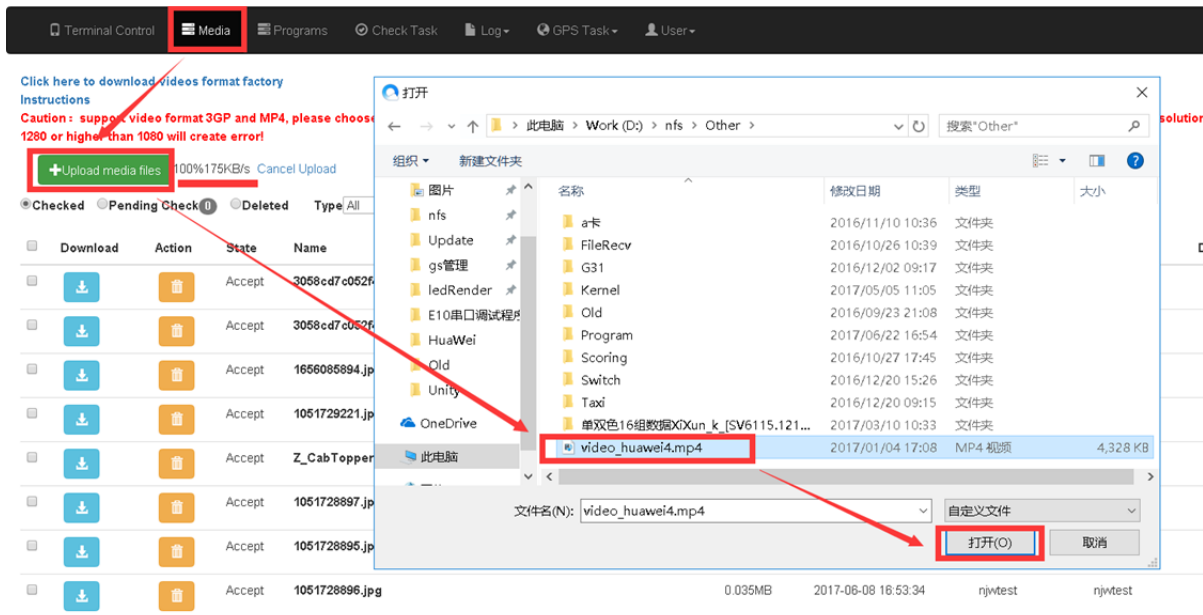
Admin Password: dreamTaxiTest

**Step 2.** After logging in, you will see the functions shown in below picture of which we will walk you through some major functions so as to get yourself acquainted with the system.

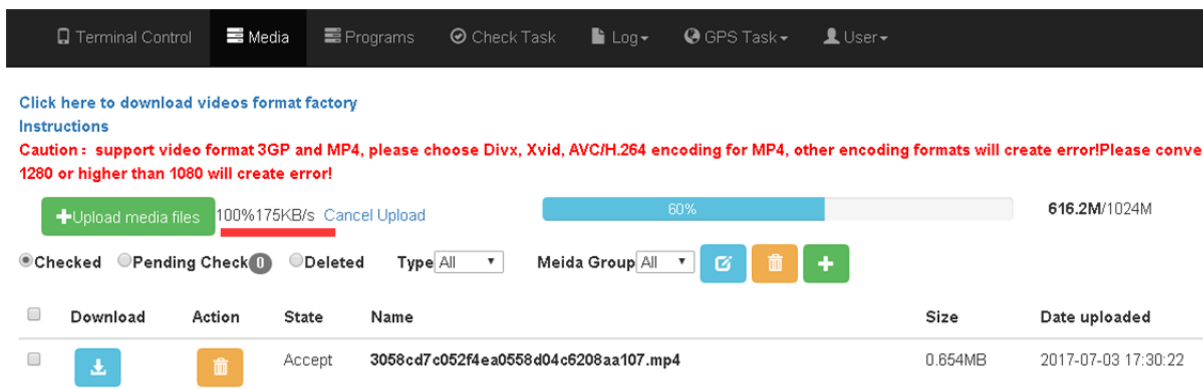
| Online                              | Id            | Alias                 | Group | Net type | Last offline        | Width | Height | Brightness | Volume | Screen status | Sensor  | Current playing program |
|-------------------------------------|---------------|-----------------------|-------|----------|---------------------|-------|--------|------------|--------|---------------|---------|-------------------------|
| <input checked="" type="checkbox"/> | e10-a16-00338 | dreamTaxi_TestDisplay |       | WIFI     | 2017-05-30 16:32:07 | 240   | 80     | 63         | 15     | on            | --℃ --% | unknown                 |
| <input checked="" type="checkbox"/> | e10-517-00062 | P4_240x80_170609a     |       | HSPA+    | 2017-06-09 16:15:38 | 240   | 80     | 8          | 12     | on            | --℃ --% |                         |
| <input checked="" type="checkbox"/> | e10-217-00062 | P4_240x80_170609a     |       | WIFI     | 2017-06-30 16:51:37 | 240   | 80     | 53         | 6      | on            | --℃ --% | KFC                     |

### 3.2 Play media on your display

**Step 1.** Upload your media files by following the menu path: Media-> Upload media file(s)

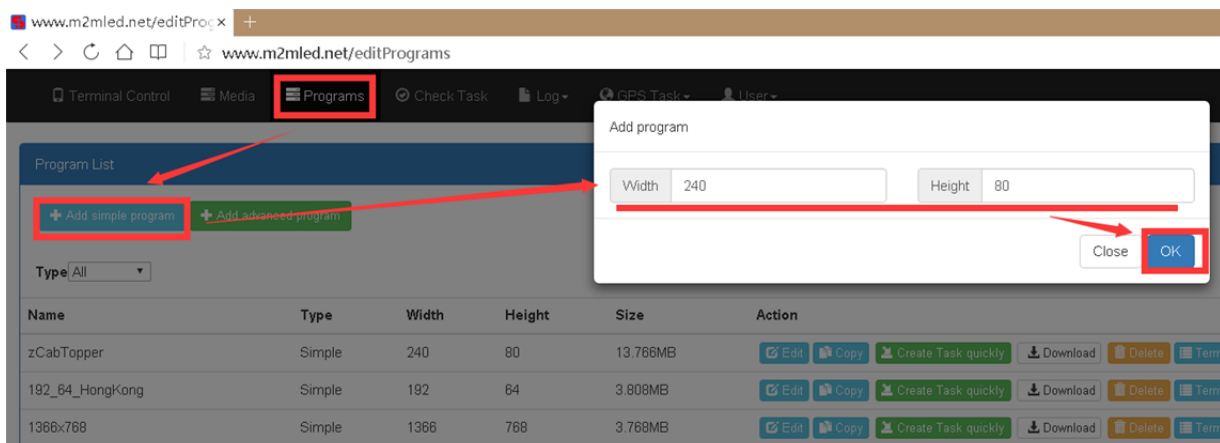


Wait till the file(s) finishes

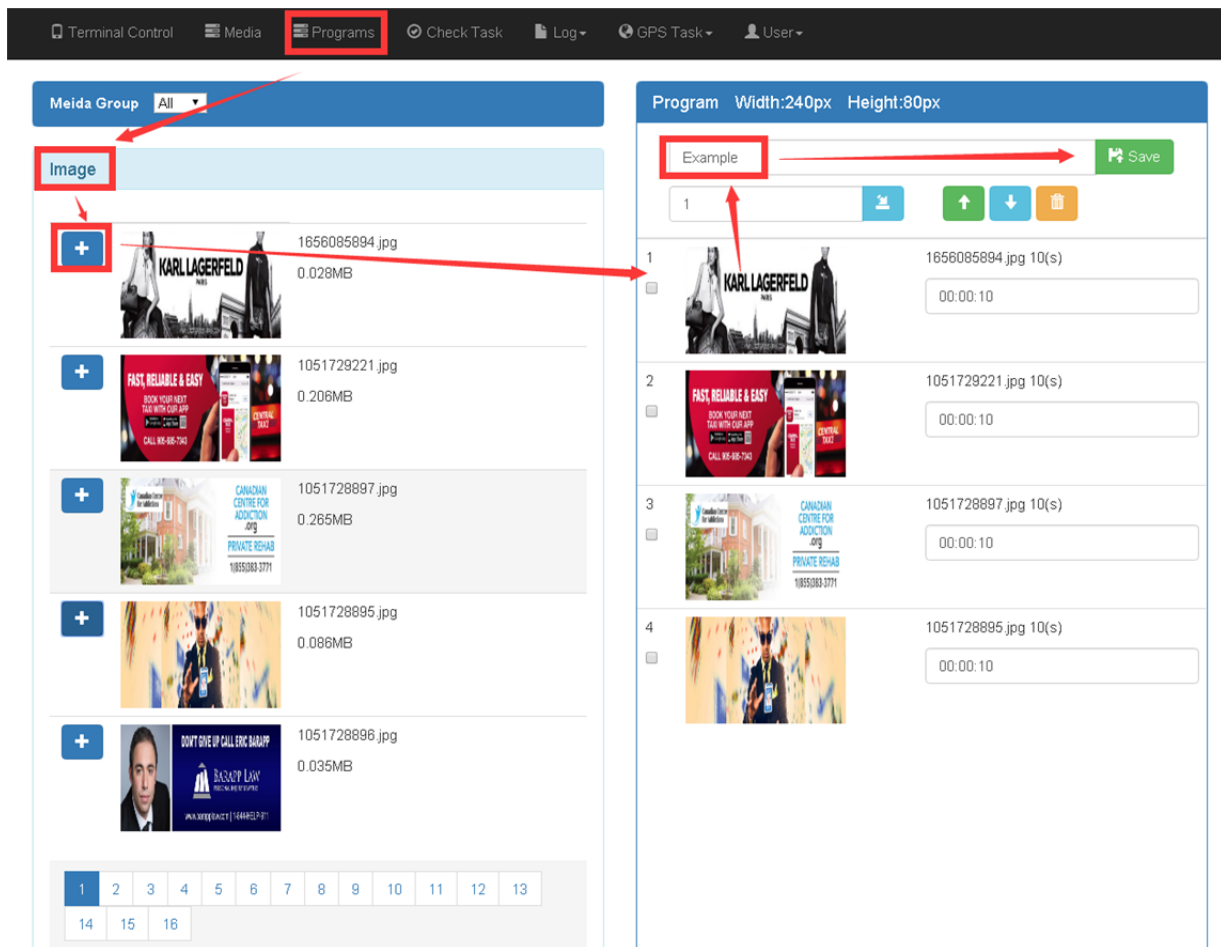


**Step 2.** Create a program by following the menu path: Programs -> Add simple program

In the popup window, set display pixel sizes at 384 for Width and 128 for Height.



**Step 3.** Choose the images and click + to add them to the program.  
On the right of the window, set a name for the program and click Save.



**Step 4.** Create program task by following the menu:  
Programs -> Example(The program we just added) -> Create Task quickly

Terminal Control
Media
**Programs**
Check Task
Log
GPS Task
User

Program List
Add simple program
Add advanced program
Type: All

| Name               | Type   | Width | Height | Size     | Action                                                          |
|--------------------|--------|-------|--------|----------|-----------------------------------------------------------------|
| Example            | Simple | 240   | 80     | 0.565MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| zCabTopper         | Simple | 240   | 80     | 13.768MB | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| 192_64_HongKong    | Simple | 192   | 64     | 3.808MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| 1366x768           | Simple | 1366  | 768    | 3.768MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| Canada1_P4TaxiTest | Simple | 240   | 80     | 3.799MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| test1              | Simple | 1920  | 1080   | 2.427MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| CarLcd             | Simple | 1920  | 1080   | 8.565MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| 圣诞黑人               | Simple | 240   | 80     | 2.941MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| TaxiTableTest_Copy | Simple | 240   | 80     | 0.003MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |
| 192_64_P5          | Simple | 192   | 64     | 8.021MB  | Edit Copy Create Task quickly Download Delete Terminal Play Log |

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**Step 5.** Send Program by following the menu:

Terminal Control -> Choose the terminal -> Programs Task -> Click Send the Program task

The screenshot displays the 'Terminal Control' interface. At the top, a navigation bar includes 'Terminal Control', 'Media', 'Programs', 'Check Task', 'Log', 'GPS Task', and 'User'. Below this, a 'Terminal List' table shows various terminals. The terminal 'e10-a16-00232' is selected. Below the table, a 'Programs Task' button is highlighted. A task list below shows tasks like 'Example\_Task' and 'zCabTopper\_Task', with a 'Send' button highlighted for each.

| Online                              | Id            | Alias         | Group | Net type | Last offline        | Width | Height | Brightness | Volume | Screen status | Sensor          | Current playing program | Lock | Connection version | Player v |
|-------------------------------------|---------------|---------------|-------|----------|---------------------|-------|--------|------------|--------|---------------|-----------------|-------------------------|------|--------------------|----------|
| <input checked="" type="checkbox"/> | m90-f15-00031 | noname        |       | WiFi     | 2016-06-21 18:48:53 | 1920  | 1080   | 8          | 12     | on            |                 |                         |      | 9.6.4              | 9.3.6    |
| <input checked="" type="checkbox"/> | l10-f15-00113 | noname        |       | WiFi     | 2017-04-14 16:19:48 | 1366  | 768    | 8          | 12     | on            | 1366x768        |                         |      | 9.6.5              | 9.3.8    |
| <input checked="" type="checkbox"/> | y10-716-00006 | VwiTaxi5      | 已入库   | HSPA     | 2017-02-10 20:42:27 | 192   | 64     | 12         | 12     | on            |                 |                         |      | 9.6.9              | 9.4.1    |
| <input checked="" type="checkbox"/> | y10-716-00007 | VwiTaxi1      | 已入库   | UMTS     | 2017-02-11 03:40:33 | 192   | 64     | 64         | 12     | on            | Ab123           |                         |      | 9.6.9              | 9.4.1    |
| <input checked="" type="checkbox"/> | y10-716-00013 | VwiTaxi3      | 已入库   | HSPA+    | 2016-08-19 17:20:19 | 192   | 64     | 64         | 12     | on            | Taxi160729a     |                         |      | 9.6.9              | 9.4.1    |
| <input checked="" type="checkbox"/> | y10-716-00031 | VwiTaxi2      | 已入库   | HSPA+    | 2016-11-01 11:25:28 | 192   | 64     | 64         | 12     | on            | Ab123           |                         |      | 9.6.9              | 9.4.1    |
| <input checked="" type="checkbox"/> | y10-716-00453 | P5节能屏-1       | 已入库   | WiFi     | 2017-04-14 16:24:28 | 1280  | 512    | 15         | 12     | on            | 192_64_HongKong |                         |      | 9.7.1              | 9.6.7    |
| <input checked="" type="checkbox"/> | e10-a16-00221 | noname        | 已入库   | WiFi     | 2016-11-24 19:12:52 | 224   | 128    | 64         | 12     | on            | --℃ --%         | unknown                 |      | 9.7.1              | unknown  |
| <input checked="" type="checkbox"/> | e10-a16-00232 | P4-SaveEnergy | 已入库   | HSPA     | 2017-04-02 18:40:52 | 240   | 80     | 20         | 10     | on            | --℃ --%         | Canada1_P4TaxiTest      |      | 9.8.1              | 9.6.7    |
| <input checked="" type="checkbox"/> | e10-a16-00242 | noname        | 已入库   | WiFi     | 2017-03-22 19:53:44 | 224   | 128    | 64         | 12     | on            | --℃ --%         | unknown                 |      | 9.7.1              | unknown  |

Below the table, a 'Programs Task' button is highlighted. A task list below shows tasks like 'Example\_Task' and 'zCabTopper\_Task', with a 'Send' button highlighted for each.

| Name            | Date created        |
|-----------------|---------------------|
| Example_Task    | 2017-07-03 17:42:46 |
| zCabTopper_Task | 2017-06-08 16:55:36 |

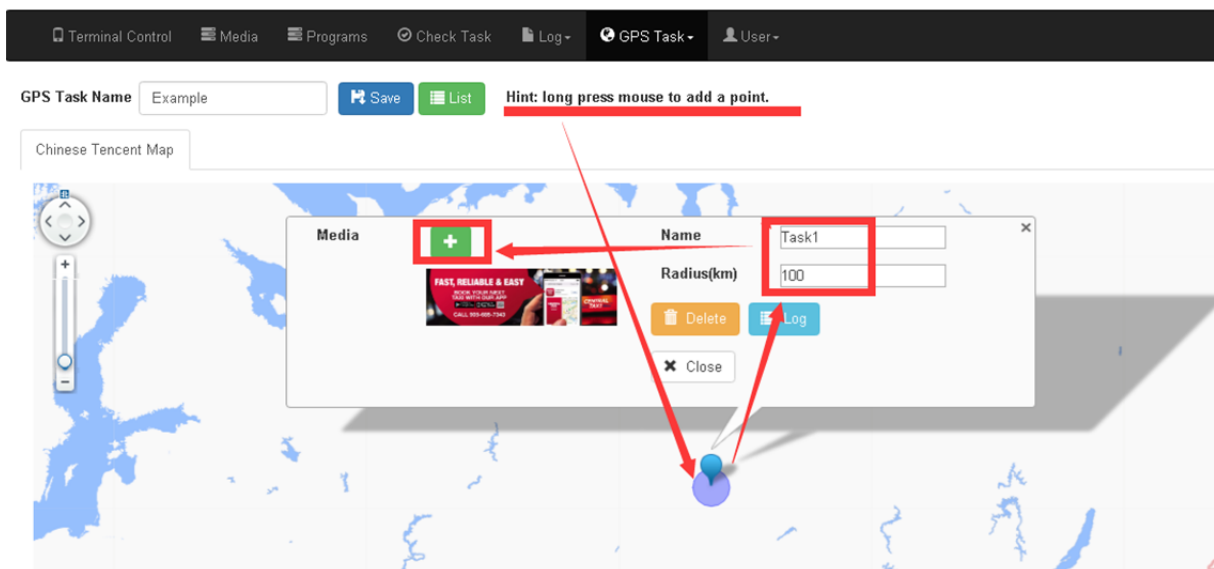
### 3.3 Send task based on GPS

**Step 1.** Choose the map.

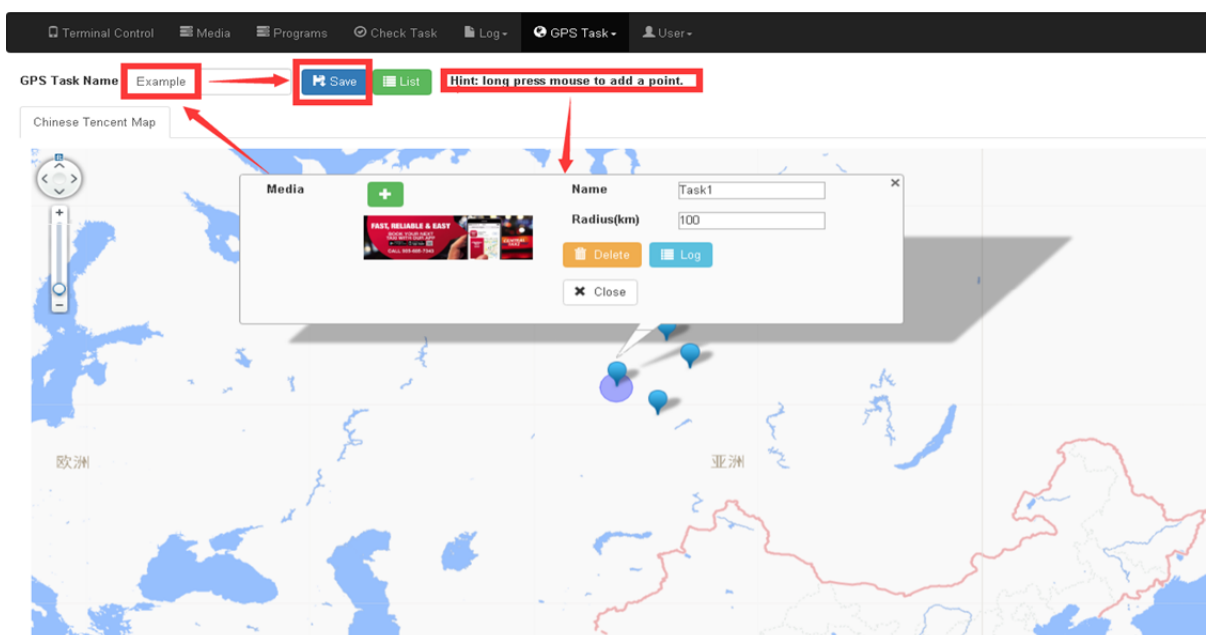


**Step 2.** Add GPS play point by clicking the location on the map.

Set Name of GPS Task Name. Choose the media, input Name and radius.



**Step 3.** Save the GPS task.



**Step 4.** Send GPS task by following the menu:

Terminal Control -> Choose the terminal -> GPS Task -> Click Send the Program task

The screenshot displays the 'Terminal Control' web interface. At the top, a navigation bar includes 'Terminal Control', 'Media', 'Programs', 'Check Task', 'Log', 'GPS Task', and 'User'. Below this, a 'Terminal List' table shows various terminals. A red box highlights the 'Send' icon in the first column of the table, and a red arrow points from it to the 'GPS Task' button in the top toolbar. Another red arrow points from the 'GPS Task' button to the 'Send' button in the 'Send' section below. The 'Send' section includes a 'Submit Task' button and a 'Toggle' button. Below these, there are two rows of data for tasks: 'Example' and 'TestNjw'. The 'Control result' section is at the bottom.

| Online                   | Id            | Alias         | Group | Net type | Last offline        | Width | Height | Brightness | Volume | Screen status | Sensor  | Current playing program | Lock | Connector |
|--------------------------|---------------|---------------|-------|----------|---------------------|-------|--------|------------|--------|---------------|---------|-------------------------|------|-----------|
| <input type="checkbox"/> | m90-f15-00031 | noname        |       | WiFi     | 2016-06-21 18:48:53 | 1920  | 1080   | 8          | 12     | on            |         |                         |      | 9.6.4     |
| <input type="checkbox"/> | l10-f15-00113 | noname        |       | WiFi     | 2017-04-14 16:19:48 | 1366  | 768    | 8          | 12     | on            |         | 1366x768                |      | 9.6.5     |
| <input type="checkbox"/> | y10-716-00006 | ViviTaxi5     | 已入库   | HSPA     | 2017-02-10 20:42:27 | 192   | 64     | 12         | 12     | on            |         |                         |      | 9.6.9     |
| <input type="checkbox"/> | y10-716-00007 | ViviTaxi1     | 已入库   | UMTS     | 2017-02-11 03:40:33 | 192   | 64     | 64         | 12     | on            |         | Ab123                   |      | 9.6.9     |
| <input type="checkbox"/> | y10-716-00013 | ViviTaxi3     | 已入库   | HSPA+    | 2016-08-19 17:20:19 | 192   | 64     | 64         | 12     | on            |         | Taxi160729a             |      | 9.6.9     |
| <input type="checkbox"/> | y10-716-00031 | ViviTaxi2     | 已入库   | HSPA+    | 2016-11-01 11:25:28 | 192   | 64     | 64         | 12     | on            |         | Ab123                   |      | 9.6.9     |
| <input type="checkbox"/> | y10-716-00453 | P5节能屏-1       | 已入库   | WiFi     | 2017-04-14 16:24:28 | 1280  | 512    | 15         | 12     | on            |         | 192_64_HongKong         |      | 9.7.1     |
| <input type="checkbox"/> | e10-a16-00221 | noname        | 已入库   | WiFi     | 2016-11-24 19:12:52 | 224   | 128    | 64         | 12     | on            | --℃ --% | unknown                 |      | 9.7.1     |
| <input type="checkbox"/> | e10-a16-00232 | P4-SaveEnergy | 已入库   | HSPA     | 2017-04-02 18:40:52 | 240   | 80     | 20         | 10     | on            | --℃ --% | Canada1_P4TaxiTest      |      | 9.8.1     |
| <input type="checkbox"/> | e10-a16-00242 | noname        | 已入库   | WiFi     | 2017-03-22 19:53:44 | 224   | 128    | 64         | 12     | on            | --℃ --% | unknown                 |      | 9.7.1     |

1 2

Screenshot Realtime Message Programs Task Delete Program **GPS Task** Live Video Screen Switch Screen Brightness Volume Control Change group Cor

Upload Player Logs Load HTML Video Monitoring

Submit Task Toggle

Execute task at time  
allow deferring

Send

| Name    | Date created        |
|---------|---------------------|
| Example | 2017-07-03 18:06:49 |
| TestNjw | 2016-08-09 16:37:37 |

Control result :