MEITRACK LED Display User Guide

Applicable Model: MVT600/T1/T333

Change History

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2 Product Applications

- Vehicle advertising
- Emergency announcement

3 Product Function and Specifications

3.1 Product Function

- Display advertisements
- Display alarm information
- Display instant messages
- Display time

3.2 Specifications

Item	Specifications
Color displayed	Yellow
LED display diameter	φ3.75
Single lamp brightness	Average 800 mcd
Light wafer size	9mil
Refresh rate	160 Hz
Dot pitch	6 mm
Module points	128 x 16
Display size	768 mm x 96 mm
Dimension	792 mm x 120.6 mm x 33.5 mm
Resolution	2048 Dpi
Net weight	2.2KG
Life	>100,000 hours
Mean time between failure	50,000 hours (MTBF)
Operating voltage	DC 9–36 V
Operating temperature	-25°C to +50°C
Average power	< 15W (Under Normal Condition)

4 Accessories

- LED display
- Power conversion cable
- 4 pin to 8 pin conversion cable

5 Installing the LED Display

5.1 Mounting the LED Display to Your Vehicle

4 brackets required are as follows: 2 lower brackets, 1 left bracket, and 1 right bracket.

Upper left & right brackets   Lower brackets

1. Mount the upper and lower brackets with hex bolts M5*12, and screw the bolts with flat/spring washers.

2. Fasten 4 hex bolts M5*12 into the back of the LED display, mount and tighten up the left and right brackets with flat/spring washers.

Note: Please pay attention to the direction of the LED display while mounting. The lower brackets must be installed on the lower part of the LED display. Otherwise, texts displayed will be upside-down.

Use any of the following ways to determine the direction of the LED display:

- Turn on the LED display, and view texts displayed to determine the direction.
- Check the appearance of the LED display. The side with a sun shade should be the top side of the LED display.
3. Mount the LED display to the back of the vehicle.
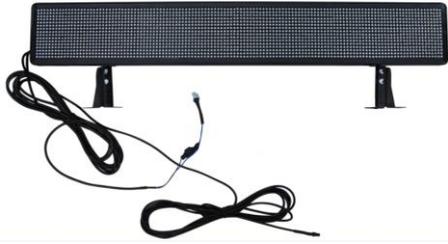
5.2 Connecting the LED Display to a Tracker
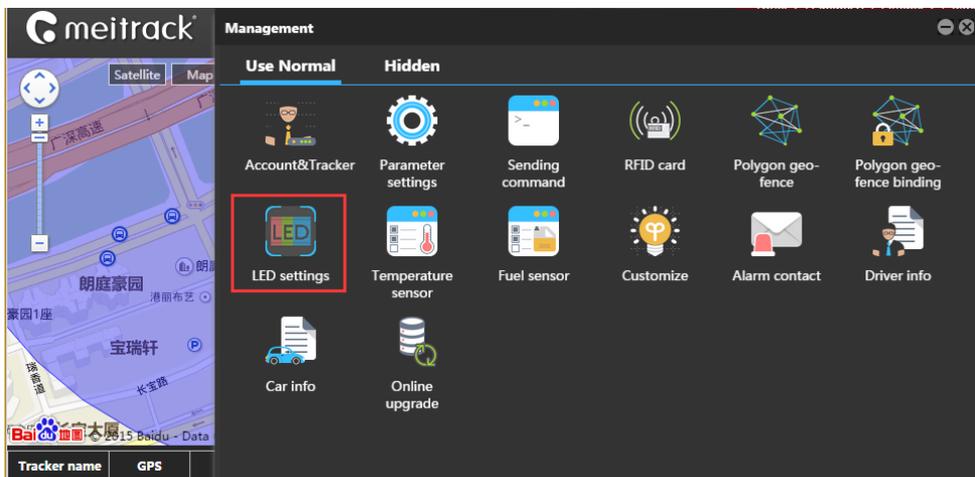
MVT600: Connected to Camera2 ports   T1/T333: Connected to Handset/RFID ports
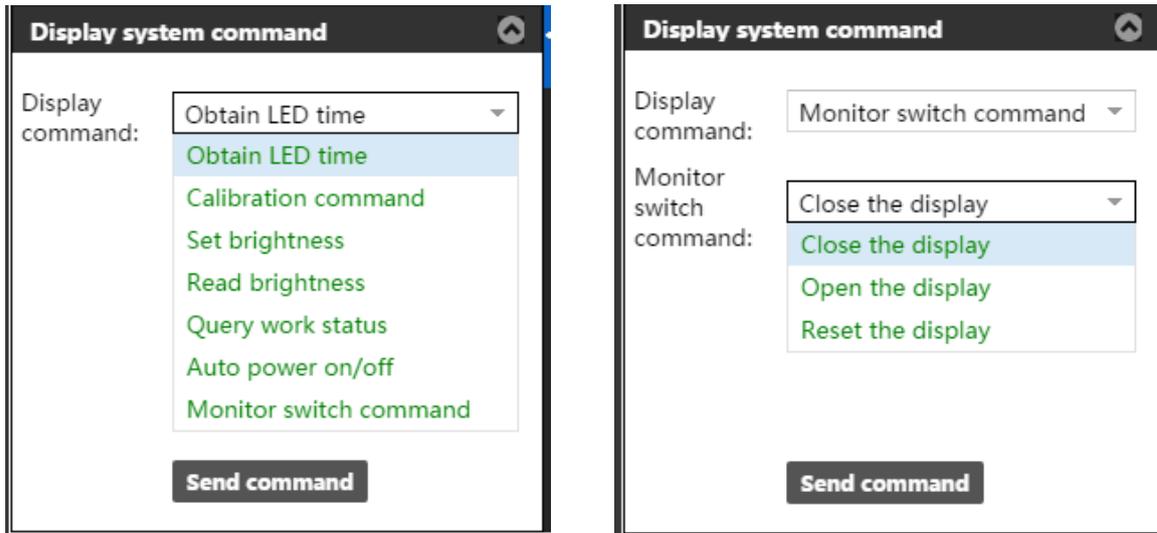

6 Configuring the LED Display by MS03

6.1 Going to LED Settings Menu

1. On the main interface, choose **Management**. The **Management** window is displayed.
2. Select **LED settings** from **Use Normal**. The **LED settings** window is displayed.

6.2 LED Display System Command

- **Obtain LED time**: Obtain the LED display time.
- **Calibration command**: Calibrate the LED display time.
- **Set brightness**: Set the LED display brightness. The brightness value ranges from 0 to 15.
- **Read brightness**: Read the LED display brightness.
- **Query work status**: Query the work status of the LED display in real time.
- **Auto power on/off**: Set the work time of the LED display.
- **Reset the display**: Restart the LED display. For example, if the 4th advertisement is playing on the LED display, select and send the **Reset the display** command, then the LED display will start playing from the first advertisement.
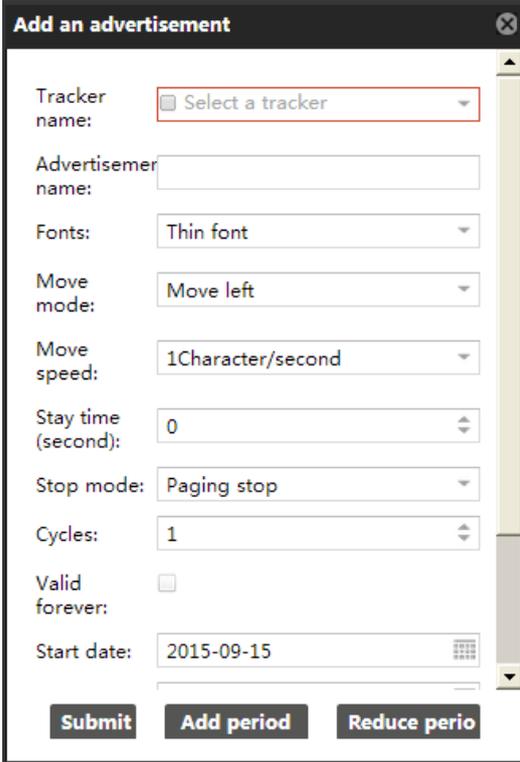
6.3 Adding an Advertisement

1. On the **Management** window, select **LED settings** from **Use Normal**. The **LED settings** window is displayed.
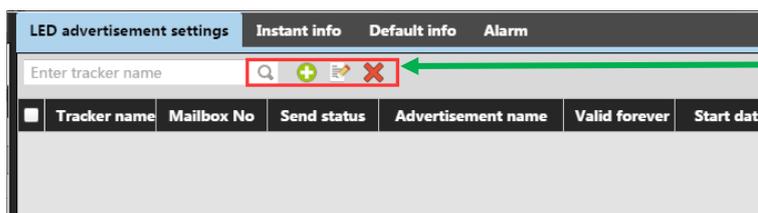
Icons from left to right: Search, Add, Edit, and Delete

2. On the **LED advertisement settings** tab page, click [icon]. On the **Add an advertisement** window that is displayed, set advertisement parameters, and click **Submit**. The LED display will play the advertisement later.

- **Tracker name**: Select one or multiple trackers.
- **Advertisement name**: Set the advertisement name. It is mandatory.
- **Fonts**: Thin and bold fonts are available.
- **Move mode**: Four options are available: **Move left**, **Move up**, **Move down**, and **Keep**.
- **Stay time (second)**: indicates the stay interval between two pages.
- **Stop mode**: Two options are available: **Paging stop** and **Last stop**. When advertisement texts exceed 16 characters, paging will occur. **Paging stop**: Every page will stop sliding according to the preset stay time. **Last stop**: Only the last page will stop sliding.
- **Content**: An advertisement can contain 256 characters.
- **Valid forever**: If this option is selected, the LED display will play the advertisement all the time without any time limit. If this option is deselected, you can set the start date and end date. So the LED display will play the advertisement during this preset time period.
- **Cycles**: indicates the number of times for information playing.
- **Add period**: The LED display will play the advertisement according to the preset time period. You can add or delete a time period by **Add period** and **Reduce period**.

Play the advertisement according to the preset time period.

6.4 Modifying an Advertisement

Only one advertisement can be modified at a time.

To modify an advertisement, perform the following operations:

1. On the **LED advertisement settings** tab page, select an advertisement to be modified, and click .

2. On the **Edit an advertisement** window that is displayed, modify advertisement information.

6.5 Deleting an Advertisement

One or multiple advertisements can be deleted at a time.

You can also send an command to delete all advertisements.
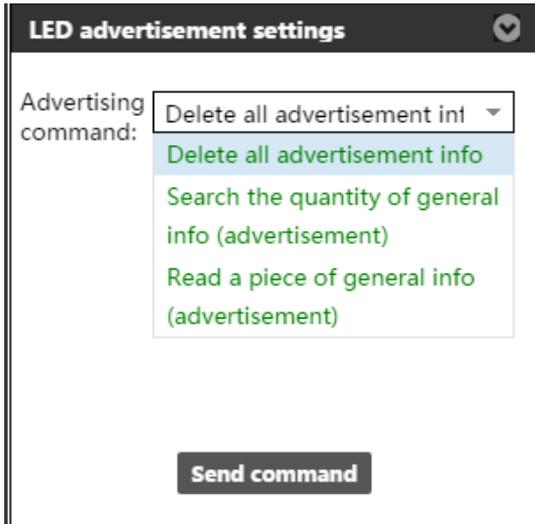
6.6 Querying an Advertisement

There are two query methods as follows:

1. Query an advertisement sent from the server successfully.

Note: You can only query the advertisements sent from the server successfully. For example, when an advertisement is being sent on computer A, after logging in to the platform from computer B, you cannot query this advertisement. This advertisement can be queried only after it can be read from the LED display.

2. Query an advertisement that is playing on the LED display.
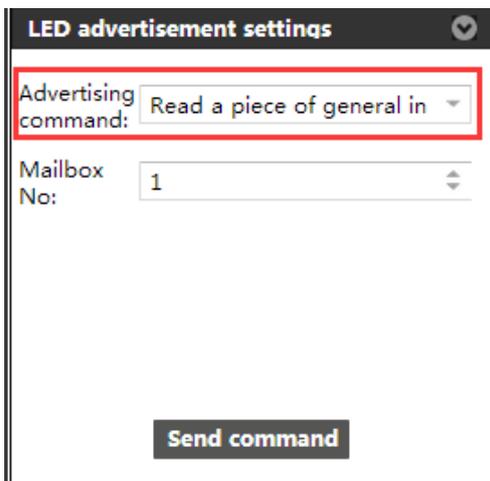
Read a piece of general info (advertisement): You must select a mailbox.

Mailbox No: where advertisements store. **0** indicates the first mailbox and by analogy to 255 indicates the 256th mailbox.

6.7 Setting an Instant Message

1. On the **LED settings** window, click the **Instant Info** tab. The **Instant Info** tab page will be displayed.
2. On the **Instant Info** left pane, set an instant message.
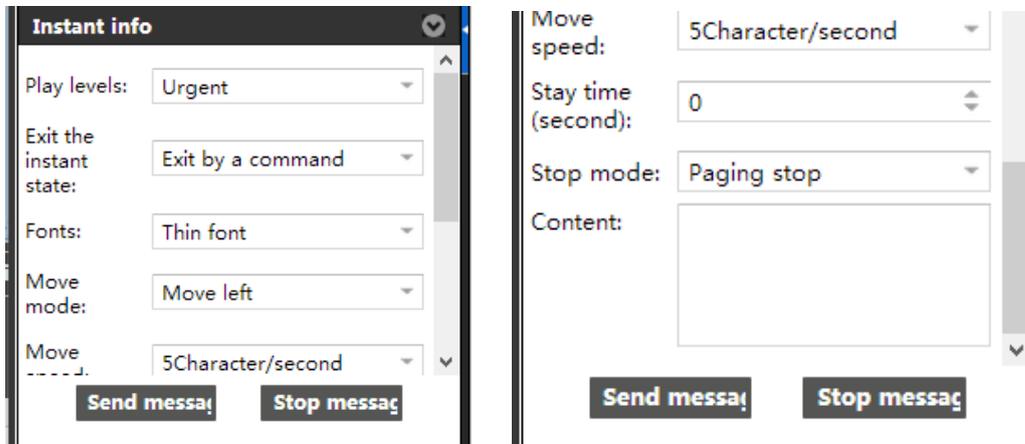
- **Play levels**: Two options are available: **Ordinary** and **Urgent**.
- **Exit the instant state**: There are four ways to exit: **Exit by a command**, **Instant end time**, **Instant play time**, and **Instant cycle times**.

Note: Instant messages can be set only once, and ordinary and urgent messages cannot be set at the same time. If you want to modify the instant message, send a command to stop the message and then reset an instant message.

6.8 Setting Default Information

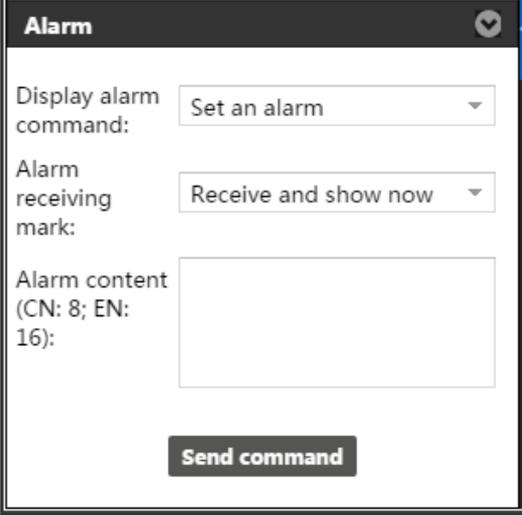When no advertisement is played, set default information or system time to display.

To set default information, perform the following operations:

1. On the **LED settings** window, click the **Default info** tab. The **Default info** tab page will be displayed.
2. On the **Default info** left pane, set default information.
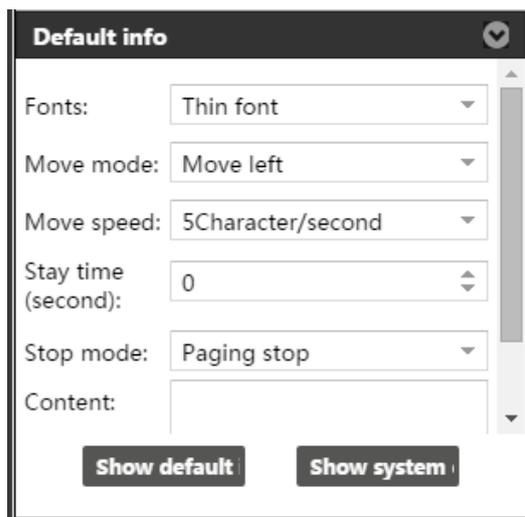
System time

6.9 Setting Alarm Information

- ● **Display alarm command**: Three options are available: **Set an alarm**, **Show alarm info**, and **Disable alarm display**.
- ● **Alarm receiving mark**: Two options are available: **Receive and show now** and **Shield and not show**. **Shield and not show**: Select this option with caution. The alarm function will be disabled after this option is selected.

Note:

1. To display the alarm information on the LED display, the **Show alarm info** command must be set after the **Set an alarm** command is set.

2. Instant message and alarm information cannot be set at the same time. If an instant message has been set, stop it and then set the alarm information, and vice versa.

If you have any questions, do not hesitate to email us at info@meitrack.com.