

[https://wiki.teltonika-gps.com/view/How\\_to\\_compose\\_an\\_SMS\\_text\\_according\\_to\\_your\\_needs](https://wiki.teltonika-gps.com/view/How_to_compose_an_SMS_text_according_to_your_needs)

# How to compose an SMS text according to your needs

[General Technical Questions](#) > **How to compose an SMS text according to your needs**

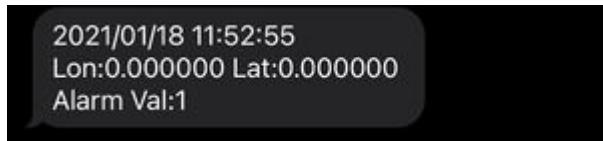
## How to compose an SMS text according to your needs

This is applicable to [TMT250](#) | [GH5200](#) | [TAT100](#) | [TST100](#) | [TFT100](#).

In Configurator, SMS text field could be composed to send SMS text not just with an event notification, but additionally it can be composed to send custom messages along with an event. Maximum message length is **160** symbols (numbers, letters and symbols in ASCII, except for comma ",").

For example, Alarm event default format for a text message is:  
Date, time, longitude, latitude, 'SMS text', value

### Alarm event default SMS text format example:



Alarm Event SMS

Lets say we do not want SMS text to send us *Date/Time*, *Longitude/Latitude* and instead, we want to see a **Battery Level** and **Instant movement** values.

More about GPRS parameters list for each device can be found here:

[TAT100](#) | [TST100](#) | [TFT100](#) | [GH5200](#) | [TMT250](#)

In order to do this, in the text SMS field we need to show device, which parameters need to be shown.

Alarm %io11711, Battery Level %io50690, Instant Movement %io51050

The screenshot shows the Teltonika configuration software interface. On the left is a vertical menu bar with the following items:

- Status
- Security
- System
- GPRS
- Data Acquisition
- SMS \ Call Settings
- GSM Operators
- Features**
- Auto Geofence
- Manual Geofence
- Trip \ Odometer
- Bluetooth** (highlighted with a mouse cursor)
- Bluetooth 4.0
- Beacon List
- User Interface

The main panel has several sections:

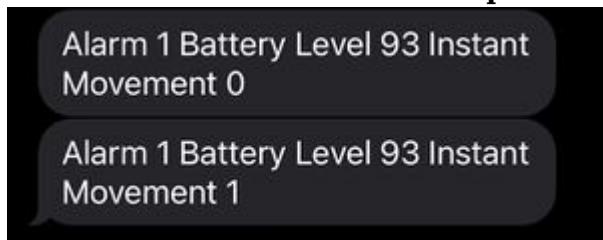
- Over Speeding** (selected):
  - Scenario Settings:
 

Disable	Low Priority
High Priority	Panic Priority
  - Max Speed (km/h): 90
  - Send SMS To: (dropdown menu)
  - SMS Text: Overspeeding
- ManDown** (disabled):
  - Scenario Settings:
 

Disable	Low Priority
High Priority	Panic Priority
  - Generate event: (dropdown menu)
    - On Exit
    - On Board
  - Position:
    - Horizon
    - Angle (deg)
    - Silent pre-alarm
    - Timeout (s)
  - Send SMS To: (dropdown menu)
  - SMS Text: (dropdown menu)
  - Order Priority: Call
- Additional features** (disabled):
  - Call

Example below shows two SMS messages - alarm button has been pressed, when not moving and then alarm button pressed, when moving.

#### Composed SMS Alarm text example:



Alarm Event SMS composed

#### Composed format:

Composed format may consist of text and defined commands which start with % symbol.

#### Supported commands:

Command	Description
imei	IMEI
fw	Firmware version
fullfw	Full firmware version
modem	Modem firmware version
gnss	GPS firmware version

<b>lat</b>	Latitude (non-float value)
<b>lon</b>	Longitude (non-float value)
<b>sat</b>	Satellites in use
<b>time</b>	Timestamp
<b>din1</b>	Digital Input 1
<b>din2</b>	Digital Input 2
<b>din3</b>	Digital Input 3
<b>ain1</b>	Analog Input 1
<b>out1</b>	Digital Output 1
<b>out2</b>	Digital Output 2
<b>pdp</b>	PDOP
<b>hdp</b>	HDOP
<b>exv</b>	External Voltage
<b>gmap</b>	Google Maps link
<b>mov</b>	Movement
<b>odo</b>	Trip Odometer
<b>op</b>	GSM operator
<b>spd</b>	Speed
<b>ib</b>	iButton
<b>mod</b>	Data Mode
<b>sig</b>	GSM signal
<b>slp</b>	Sleep Mode
<b>cel</b>	Cell ID
<b>lac</b>	Area Code
<b>tmp</b>	Dallas Temperature 1
<b>mac</b>	BT MAC address
<b>flat</b>	Latitude (float value)
<b>flon</b>	Longitude (float value)
<b>date</b>	Date in yyyy/mm/dd format
<b>datetime</b>	Time in hh:mm:ss format
<b>val</b>	Eventual IO value
<b>io'par_id'</b>	Element value by parameter ID

#### Composed text example:

%imei Movement %io50010

#### Event SMS text:

352094082828606 Movement 1