

# GH5200 SMS/GPRS Commands

[Main Page](#) > [Autonomous Trackers](#) > [GH5200](#) > [GH5200 Manual](#) > **GH5200 SMS/GPRS Commands**

Commands apply for these devices: | [TMT250](#) | [GH5200](#) | [TST100](#) | [TFT100](#) | [TAT100](#) |

All commands are case sensitive. When user tries to send SMS/GPRS message to device that operates in Deep Sleep mode, it cannot arrive to it because the GSM/GPRS module is disabled most of the time. Device will receive the SMS message when it exits Deep Sleep mode, but GPRS commands will not be received after exiting Deep Sleep Mode.

If the device is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

SMS command structure:

<SMS login><space><SMS password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS login and password: login pass getinfo
- If SMS login and password are not set leave two spaces before command:   getinfo

GPRS commands require [Codec 12](#) protocol.



## Contents

- [1 Common commands](#)
- [2 Bluetooth Commands](#)
- [3 Commands Related to Features](#)

To search for compatible products, [Expand all content](#)

## Common commands

Command	Description	Response	HW Support	Parameter Group
<a href="#">getinfo</a>	Device runtime system information.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getver</a>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getstatus</a>	Modem Status information.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getgps</a>	Current GPS data, date and time.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getio</a>	Readout analog input,digital input and output.	Yes	[Expand] <a href="#">TST100 TFT100</a>	Common commands

<a href="#">ggps</a>	Returns location information with Google maps link.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">radio #</a>	Returns IO status, # AVL ID.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">cpureset</a>	resets device	No	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">fwstats</a>	Get data about FW and restarts	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getrecord</a>	SMS command initiates saving and sending of high priority record	No	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getimeiccid #</a>	Response is sent to SMS/GPRS command sender and also to GSM number provided. 1.# GSM number using international format e.g. 37069012345	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getimsi</a>	Sends the IMSI number of the SIM card inserted as a response to the sender.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">allver</a>	Responds with information about hardware and firmware versions and storage space	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getparam #</a>	Returns selected parameter value. 1.# - first Parameter ID value. 2.# - second Parameter ID value.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">getparam #;#;...</a>	3.# - third Parameter ID value. SMS command is limited to 160 characters.			
<a href="#">setparam #:#</a>	Sets selected parameter value	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100 TAT100</a>	Common commands
<a href="#">setparam #:#;#;#;#;...</a>	[Parameter ID] : [New Parameter Value] ; [Parameter ID] : [New Parameter Value]... SMS command is limited to 160 characters.			
<a href="#">flush #,#,#,#,#,#,#</a>	Redirects device to other server. 1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">countrecs</a>	Returns records number.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">web_connect</a>	Connect to Fota WEB immediately.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">deleterecords</a>	Delete all records from SD card.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">pulsedigout ## X1 Y1 X2 Y2 X3 Y3</a>	Set digital output. 1.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - Ignore) starting state for DOUT1. 2.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - Ignore) starting state for DOUT2. X1 - ON timeout for DOUT1 in milliseconds Y1 - ON timeout for DOUT2 in milliseconds X2 - OFF timeout for DOUT1 in milliseconds Y2 - OFF timeout for DOUT2 in milliseconds X3 - repeats for DOUT1 Y3 - repeats for DOUT2	Yes	[Expand] <a href="#">TFT100 TST100</a>	Common commands
<a href="#">setdigout ## Y1 Y2 Z1 Z2</a>	Set digital output. 1.# - 0; 1 or ? (0 - OFF, 1 - ON, ? - Ignore) for DOUT1. 2.# - 0; 1 or ? (0 - OFF, 1 - ON, ? - Ignore) for DOUT2. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Z1 - maximum speed value for DOUT1 if needed. Z2 - maximum speed value for DOUT2 if needed.	Yes	<a href="#">TFT100</a>	Common commands
<a href="#">battery</a>	Returns battery state info.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">wdlog</a>	Returns all information about 'watch dogs'	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">defaultcfg</a>	Load default configuration.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">setkey # #</a>	Add new or change current configuration keyword. If device is locked, keyword cannot be changed. 1.# - old keyword (if adding new keyword space). 2.# - new keyword.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">delkey #</a>	Remove existing keyword (If device is locked, keyword cannot be changed). 1.# - old keyword.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">bbread #</a>	Return black box information (HEX value of event ID and HEX value of custom data field (optional)). 1.# - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">bbinfo #</a>	Return same information as bbread command but additional all events timestamp is written in HEX. 1.# - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">sdformat</a>	Format SD card	Yes	[Expand] <a href="#">TMT250 GH5200 TST100 TFT100</a>	Common commands
<a href="#">shutdown</a>	SMS/GPRS command, used to shutdown device. Device should respond with "Shutdown has been initiated" an turn off in 15 s after receiving command.	Yes	[Expand] <a href="#">TMT250 GH5200</a>	Common commands
<a href="#">dropcall</a>	Active call immediately hangs up, when SMS is received.	Yes	[Expand] <a href="#">GH5200</a>	Common commands

# Bluetooth Commands

Command	Description	Response	HW Support	Parameter Group
<a href="#">btgetlist</a> #	Returns requested Bluetooth list. # - 0,1 or 2 (0 - Discovered, 1 - Paired, 2 - Connected, 3 - Discovered BT4/BLE devices).	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Bluetooth commands
<a href="#">btscan</a>	Starts Bluetooth scan.	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Bluetooth commands
<a href="#">btvisible</a> #	Sets Bluetooth to visible with TMO. # - visibility TMO (from 1 to 255 seconds).	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Bluetooth commands
<a href="#">btrelease</a> #	Disconnects from current device and pauses auto connect functionality for TMO. # - none or TMO (from 1 to 255 seconds).	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Bluetooth commands
<a href="#">btunpair</a> #	Unpair Bluetooth device. # - all, BT address (all - unpair all devices, BT address - unpair only specified MAC address).	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Bluetooth commands
<a href="#">btlock_unlock</a>	Unlock Bluetooth lock	Yes	<a href="#">TST100</a>	Bluetooth commands
<a href="#">btlock_changepw</a> : # #	Change Bluetooth lock's password: btlock_changepw:<Current password> <New password>	Yes	<a href="#">TST100</a>	Bluetooth commands

# Commands Related to Features

Command	Description	Response	HW Support	Parameter Group
<a href="#">towingreac</a>	Towing reactivation.	Yes	<a href="#">TFT100</a>	Commands related to features
<a href="#">auto_calibrate:set</a>	Returns the state of calibration.	Yes	[Expand] <a href="#">TST100 TFT100</a>	Commands related to features
<a href="#">odoset</a> :#	Set total odometer value. # - new odometer value in km.	Yes	[Expand] <a href="#">TST100 TFT100</a>	Commands related to features
<a href="#">odoget</a>	Display current odometer value.	Yes	[Expand] <a href="#">TST100 TFT100</a>	Commands related to features
<a href="#">on_demand_tracking</a> #	Tracking on Demand functionality. # = Value 1 0 - Stops Tracking on Demand functionality. 1 - Starts Tracking on Demand functionality. 2 - Generates one high priority record and inititates data sending to server.	Yes	[Expand] <a href="#">TMT250 GH5200</a> <a href="#">TST100 TFT100</a>	Commands related to features
<b>Note: This command is supported from 55.00.00 firmware version.</b>				