

GH5200 SMS/GPRS Commands

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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.

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Common commands

Command	Description	Response	HW Support	Parameter Group
<i>getinfo</i>	Device runtime system information.	Yes	[Expand]	Common commands
<i>getver</i>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	[Expand]	Common commands
<i>getstatus</i>	Modem Status information.	Yes	[Expand]	Common commands
<i>getgps</i>	Current GPS data, date and time.	Yes	[Expand]	Common commands
<i>getio</i>	Readout analog input,digital input and output.	Yes	[Expand]	Common commands
<i>ggps</i>	Returns location information with Google maps link.	Yes	[Expand]	Common commands
<i>radio #</i>	Returns IO status, # AVL ID.	Yes	[Expand]	Common commands
<i>cpureset</i>	resets device	No	[Expand]	Common commands
<i>fwstats</i>	Get data about FW and restarts	Yes	[Expand]	Common commands
<i>getrecord</i>	SMS command initiates saving and sending of high priority record	No	[Expand]	Common commands
<i>getimeiccid #</i>	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]	Common commands
<i>getimsi</i>	Sends the IMSI number of the SIM card inserted as a response to the sender.	Yes	[Expand]	Common commands
<i>allver</i>	Responds with information about hardware and firmware	Yes	[Expand]	Common commands

versions and storage space

<i>getparam #</i>	Returns selected parameter value.			
	1.# - first Parameter ID value. 2.# - second Parameter ID value. 3.# - third Parameter ID value. SMS command is limited to 160 characters.	Yes	[Expand]	Common commands
<i>getparam #;#;...</i>				
<i>setparam #:#</i>	Sets selected parameter value			
	[Parameter ID]: [New Parameter Value]; [Parameter ID]: [New Parameter Value]...	Yes	[Expand]	Common commands
<i>setparam #:#;#:#;...</i>	SMS command is limited to 160 characters.			
<i>flush #, #, #, #, #, #, #</i>	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]	Common commands
<i>countrecs</i>	Returns records number.	Yes	[Expand]	Common commands
<i>web_connect</i>	Connect to Fota WEB immediately.	Yes	[Expand]	Common commands
<i>deleterecords</i>	Delete all records from SD card.	Yes	[Expand]	Common commands
<i>pulsedigout ## X1 Y1 X2 Y2 X3 Y3</i>	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	Yes	[Expand]	Common commands

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

<i>setdigout ## Y1 Y2 Z1 Z2</i>	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	TFT100	Common commands
<i>battery</i>	Returns battery state info.	Yes	[Expand]	Common commands
<i>wdlog</i>	Returns all information about 'watch dogs'	Yes	[Expand]	Common commands
<i>defaultcfg</i>	Load default configuration.	Yes	[Expand]	Common commands
<i>setkey # #</i>	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]	Common commands
<i>delkey #</i>	Remove existing keyword (If device is locked, keyword cannot be changed). 1.# - old keyword.	Yes	[Expand]	Common commands
<i>bbread #</i>	Return black box information (HEX value of event ID and HEX value of custom data field (optional)).	Yes	[Expand]	Common commands

1.# - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.

Return same information as bbread command but additional all events timestamp is written in HEX.

bbinfo #

1.# - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.

Yes

[\[Expand\]](#)

Common commands

sdformat

Format SD card.

Yes

[\[Expand\]](#)

Common commands

Bluetooth Commands

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

Commands Related to Features

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

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