

# TAT100 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

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Command	Description	Response	HW Support	Parameter Group
<i>getinfo</i>	Device runtime system information.	Yes	<a href="#">[Expand]</a>	Common commands
<i>getver</i>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	<a href="#">[Expand]</a>	Common commands
<i>getstatus</i>	Modem Status information.	Yes	<a href="#">[Expand]</a>	Common commands
<i>cpureset</i>	resets device device modem	No	<a href="#">[Expand]</a>	Common commands
<i>fwstats</i>	Get data about FW and restarts	Yes	<a href="#">[Expand]</a>	Common commands
<i>getrecord</i>	SMS command initiates saving and sending of high priority record	No	<a href="#">[Expand]</a>	Common commands
<i>gettimeiccid #</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	<a href="#">[Expand]</a>	Common commands
<i>getimsi</i>	Sends the IMSI number of the SIM card inserted as a response to the sender.	Yes	<a href="#">[Expand]</a>	Common commands
<i>allver</i>	Responds with information about hardware and modem firmware version and storage space	Yes	<a href="#">[Expand]</a>	Common commands
<i>getparam #</i>	Returns selected parameter value. 1.# - first ID value. 2.# - second ID value. 3.# - third ID value.	Yes	<a href="#">[Expand]</a>	Common commands
<i>getparam #;#;#;...</i>	SMS command is limited to 160 characters.			
<i>setparam #:#</i>	Sets selected parameter value	Yes	<a href="#">[Expand]</a>	Common commands

*setparam #:#:#:#;...* [Parameter ID]: [New Parameter Value]; [Parameter ID]: [New Parameter Value]..

SMS command is limited to 160 characters.

Redirects device to other server.

<i>flush #,#,#,#,#,#,#</i>	1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).	Yes	<a href="#">[Expand]</a>	Common commands
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<i>countrecs</i>	Returns records number.	Yes	<a href="#">[Expand]</a>	Common commands
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<i>web_connect</i>	Connect to Fota WEB immediately.	Yes	<a href="#">[Expand]</a>	Common commands
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<i>deleterecords</i>	Delete all records from SD card.	Yes	<a href="#">[Expand]</a>	Common commands
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<i>wdlog</i>	Returns all information about 'watch dogs'	Yes	<a href="#">[Expand]</a>	Common commands
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<i>defaultcfg</i>	Load default configuration.	Yes	<a href="#">[Expand]</a>	Common commands
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<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	<a href="#">[Expand]</a>	Common commands
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<i>delkey #</i>	Remove existing keyword (If device is locked, keyword cannot be changed).	Yes	<a href="#">[Expand]</a>	Common commands
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1.# - old keyword.

<i>bbread #</i>	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	<a href="#">[Expand]</a>	Common commands
<i>bbinfo #</i>	Return same information as <i>bbread</i> 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	<a href="#">[Expand]</a>	Common commands
<i>sdformat</i>	Format SD card.	Yes	<a href="#">[Expand]</a>	Common commands

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