

# TAT100 SMS/GPRS Commands

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All commands are case sensitive. When a user tries to send an SMS/GPRS message to TAT100, most of the time it cannot arrive because the GSM/GPRS module is disabled between sending of records. The device will receive the SMS/GPRS message when it wakes up to send a record according to the configured tracking period or scheduled time. In order to quickly execute the SMS/GPRS command and receive a response, the user should send the message immediately after receiving a tracking record.

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
<a href="#">getinfo</a>	Device runtime system information.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">getstatus</a>	Modem Status information.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">getgps</a>	Current GPS data, date and time.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">cpureset</a>	resets device device modem	No	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">fwstats</a>	Get data about FW and restarts	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">getrecord</a>	SMS command initiates saving and sending of high priority record	No	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">allver</a>	Responds with information about hardware and modem firmware version and storage space	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">getparam #</a>	Returns selected parameter value. 1.# - first <a href="#">ID value</a> . 2.# - second <a href="#">ID value</a> . 3.# - third <a href="#">ID value</a> . SMS command is limited to 160 characters.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">getparam #;#;...#</a>	Sets selected parameter value			
<a href="#">setparam #:#</a>	[Parameter ID] : [New Parameter Value] ; [Parameter ID] : [New Parameter Value]...	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">setparam #:#;#;...#</a>	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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">countrecs</a>	Returns records number.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">web_connect</a>	Connect to Fota WEB after receives the command. TAT100 receives GPRS/SMS commands after it wakes up.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">deleterecords</a>	Delete all records from SD card.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">wdlog</a>	Returns all information about 'watch dogs'	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">defaultcfg</a>	Load default configuration.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</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="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands
<a href="#">sdformat</a>	Format SD card.	Yes	[Expand] <a href="#">TAT100</a> <a href="#">TAT140</a> <a href="#">TAT141</a> <a href="#">TAT240</a>	Common commands