

TFT100 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
getinfo	Device runtime system information.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getver	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getstatus	Modem Status information.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getgps	Current GPS data, date and time.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands

getio	Readout analog input,digital input and output.	Yes	[Expand] TST100 TFT100	Common commands
gprs	Returns location information with Google maps link.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
readio #	Returns IO status, # AVL ID.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
cpureset	resets device	No	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
fwstats	Get data about FW and restarts	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getrecord	SMS command initiates saving and sending of high priority record	No	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getimeiccid #	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] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getimsi	Sends the IMSI number of the SIM card inserted as a response to the sender.	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
allver	Responds with information about hardware and firmware versions and storage space	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getparam #	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] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
getparam #;#;...	Sets selected parameter value			
setparam #:#	[Parameter ID] : [New Parameter Value] ; [Parameter ID] : [New Parameter Value]...	Yes	[Expand] TMT250 GH5200 TST100 TFT100 TAT100	Common commands
setparam #:#;#;#;#;#;#;#	SMS command is limited to 160 characters.			
flush #,#,#,#,#,#,#	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] TMT250 GH5200 TST100 TFT100	Common commands
countrecs	Returns records number.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
web_connect	Connect to Fota WEB immediately.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
deleterecords	Delete all records from SD card.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
pulsedigout ## X1 Y1 X2 Y2 X3 Y3	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] TFT100 TST100	Common commands
setdigout ## Y1 Y2 Z1 Z2	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
battery	Returns battery state info.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
wdlog	Returns all information about 'watch dogs'	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
defaultcfg	Load default configuration.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
setkey # #	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] TMT250 GH5200 TST100 TFT100	Common commands
delkey #	Remove existing keyword (If device is locked, keyword cannot be changed). 1.# - old keyword.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
bbread #	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] TMT250 GH5200 TST100 TFT100	Common commands
bbinfo #	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] TMT250 GH5200 TST100 TFT100	Common commands
sdformat	Format SD card	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Common commands
shutdown	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] TMT250 GH5200	Common commands

<i>dropcall</i>	Active call immediately hangs up, when SMS is received.	Yes	[Expand] GH5200	Common commands
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Bluetooth Commands

Command	Description	Response	HW Support	Parameter Group
btgetlist #	Returns requested Bluetooth list. # - 0,1 or 2 (0 - Discovered, 1 - Paired, 2 - Connected, 3 - Discovered BT4/BLE devices).	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Bluetooth commands
<i>btscan</i>	Starts Bluetooth scan.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Bluetooth commands
<i>btvisible</i> #	Sets Bluetooth to visible with TMO. # - visibility TMO (from 1 to 255 seconds).	Yes	[Expand] TMT250 GH5200 TST100 TFT100	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] TMT250 GH5200 TST100 TFT100	Bluetooth commands
<i>btunpair</i> #	Unpair Bluetooth device. # - all, BT address (all - unpair all devices, BT address - unpair only specified MAC address).	Yes	[Expand] TMT250 GH5200 TST100 TFT100	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
towingreac	Towing reactivation.	Yes	TFT100	Commands related to features
<i>auto_calibrate:set</i>	Returns the state of calibration.	Yes	[Expand] TST100 TFT100	Commands related to features
<i>odoset</i> :#	Set total odometer value. # - new odometer value in km.	Yes	[Expand] TST100 TFT100	Commands related to features
<i>odoget</i>	Display current odometer value.	Yes	[Expand] TST100 TFT100	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 initiates data sending to server.	Yes	[Expand] TMT250 GH5200 TST100 TFT100	Commands related to features
Note: This command is supported from 55.00.00 firmware version.				

CAN Commands

Command	Description	Response	HW Support	Parameter Group
<i>askoll_unlock</i> #	Immobilizer. Used to lock/unlock the vehicle. # = Value 1 - Lock 0 - Unlock	Yes	TFT100	Askoll protocol CAN Commands
<i>askoll_horn</i>	Sounds the horn of the vehicle. Used to identify the vehicle in the street.	Yes	TFT100	Askoll protocol CAN Commands
<i>askoll_tc</i>	Top case opening. Used to open the vehicle's luggage compartment.	Yes	TFT100	Askoll protocol CAN Commands
<i>govecs_lock</i>	Used to lock Govecs Schwalbe & FLEX e-scooters.	Yes	TFT100	Bosch/FLEX protocol CAN Commands
<i>!govecs_lock</i>	Used to lock Govecs Schwalbe & FLEX e-scooters and send high priority record.	Yes	TFT100	Bosch/FLEX protocol CAN Commands
<i>govecs_unlock</i>	Used to unlock Govecs Schwalbe & FLEX e-scooters	Yes	TFT100	Bosch/FLEX protocol CAN Commands
<i>!govecs_unlock</i>	Used to unlock Govecs Schwalbe & FLEX e-scooters and send high priority record.	Yes	TFT100	Bosch/FLEX protocol CAN Commands
<i>govecs_openbox</i> :#	Used to open/close Govecs Schwalbe & FLEX e-scooters case. # - 1 - open case; # - 0 - close case.	Yes	TFT100	Bosch/FLEX protocol CAN Commands
<i>!setdigout</i> :## Y1 Y2 Z1 Z2	Used to set digital output and send high priority record. 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	Bosch/FLEX protocol CAN Commands
<i>govecs_open</i>	Used to unlock the seat lock.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_open</i>	Used to unlock the seat lock and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_close</i>	Used to lock the seat lock.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_close</i>	Used to lock the seat lock and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_horn</i>	Used to activate scooter's horn for X seconds.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_horn</i>	Used to activate scooter's horn for X seconds and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_hazard</i>	Used to activate scooter's hazard lights for X seconds.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_hazard</i>	Used to activate scooter's hazard lights for X seconds and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_hazardon</i>	Used to activate scooter's hazard lights.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_hazardon</i>	Used to activate scooter's hazard lights and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_hazardoff</i>	Used to deactivate scooter's hazard lights.	Yes	TFT100	FLEX protocol CAN Commands
<i>!govecs_hazardoff</i>	Used to deactivate scooter's hazard lights and send high priority record.	Yes	TFT100	FLEX protocol CAN Commands
<i>govecs_drivetrain</i>	Used to request drive train state. Value 0 - OFF, value 1 - passive, value 2 - actuators active, value 3 - fully active, value 4 - immobilizer alarm.	Yes	TFT100	FLEX protocol CAN Commands
<i>emco_unlock</i> :<firmware ID>	Used to unlock EMCO e-scooter using firmware ID.	Yes	TFT100	Manual CAN protocol CAN Commands
<i>emco_lock</i>	Used to lock EMCO e-scooter.	Yes	TFT100	Manual CAN protocol CAN Commands
<i>emco_open</i> :#	Used to open/close seat of EMCO e-scooter. # - 1 - open seat; # - 0 - close seat.	Yes	TFT100	Manual CAN protocol CAN Commands
<i>mcan_cmd</i> :<Command No.>	Used to trigger Manual CAN Command.	Yes	TFT100	Manual CAN protocol CAN Commands
<i>mcan_stop</i> :<Command No.>	Used to turn OFF periodic Manual CAN Command.	Yes	TFT100	Manual CAN protocol CAN Commands

RS485 Super Soco commands

Command	Description	Response	HW Support	Parameter Group
<i>supersoco_lock</i>	Used to lock the vehicle.	Yes	TFT100	Super Soco protocol Commands
<i>supersoco_unlock</i>	Used to unlock the vehicle.	Yes	TFT100	Super Soco protocol Commands
<i>supersoco_poweron</i>	Used to power on the vehicle.	Yes	TFT100	Super Soco protocol Commands
<i>supersoco_openseat</i>	Used to open the vehicle seat.	Yes	TFT100	Super Soco protocol Commands
<i>supersoco_geterr</i>	Used to request vehicle error codes.	Yes	TFT100	Super Soco protocol Commands
<i>supersoco_getfwver</i>	Used to request vehicle firmware version.	Yes	TFT100	Super Soco protocol Commands