

Template: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.

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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

<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
<i>btgetlist #</i>	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
<i>towingreac</i>	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>odomet:#</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:## Y1 Y2 Z1 Z2</i>	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:<firmware ID></i>	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:<Command No.></i>	Used to trigger Manual CAN Command.	Yes	TFT100	Manual CAN protocol CAN Commands
<i>mcan_stop:<Command No.></i>	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
<code>supersoco_lock</code>	Used to lock the vehicle.	Yes	TFT100	Super Soco protocol Commands
<code>supersoco_unlock</code>	Used to unlock the vehicle.	Yes	TFT100	Super Soco protocol Commands
<code>supersoco_poweron</code>	Used to power on the vehicle.	Yes	TFT100	Super Soco protocol Commands
<code>supersoco_openseat</code>	Used to open the vehicle seat.	Yes	TFT100	Super Soco protocol Commands
<code>supersoco_geterr</code>	Used to request vehicle error codes.	Yes	TFT100	Super Soco protocol Commands
<code>supersoco_getfwver</code>	Used to request vehicle firmware version.	Yes	TFT100	Super Soco protocol Commands

E-Scooter Commands

Command	Description	Response	HW Support	Supported by
<code>sclockctrl #</code>	Used to lock/unlock E-Scooter. # = Value ↓ 0 - Unlock 1 - Lock	Yes	TST100	Xiaomi M365 Segway ES/MAX FitRider
<code>scsetunits #</code>	Used to change units. # = Value ↓ 0 - Kilometers (km) 1 - Miles (mi)	Yes	TST100	FitRider
<code>scrstcnt #</code>	Resets internal E-Scooter counters. # = Value ↓ 1 - single time 2 - total mileage 3 - total	Yes	TST100	FitRider
<code>scsetledswitch #</code>	This option disallows headlight control by <code>scledctrl</code> command, if LED switch is set to 1 (scledswitch 1) # = Value ↓ 0 - disable 1 - enable	Yes	TST100	FitRider
<code>scledctrl</code>	Turns ON/OFF LED but only if -> <code>scsetledswitch 1</code> , # = Value ↓ 0 - Turn OFF 1 - Turn ON For OKAI scooters values are: 0 - Turn off 1 - Blink 2 - Turn on	Yes	TST100	FitRider/Okai
<code>scsetbtcode #####</code>	Sets BT pairing code. ##### - 6 digits BT pairing code	Yes	TST100	Segway ES/MAX/Xiaomi M365
<code>scsetspdlim <arg1> <arg2></code>	Sets E-Scooter's Speed limit. <arg1> - Mode <arg2> - Speed limit	Yes	TST100	Segway ES/MAX/FitRider/ Hergele/Okai
<code>scsetmode #</code>	Sets E-Scooter's operating mode. # = Value ↓ 0 - NORMAL 1 - ECO 2 - SPORT	Yes	TST100	Segway ES/MAX/ Hergele
<code>scenginectrl #</code>	Start or shut down the engine. # = Value ↓ 0 - Turn OFF the engine 1 - Turn ON the engine	Yes	TST100	Segway ES/MAX
<code>screbootsys</code>	Restart E-Scooter's system. Restart is available only in non-riding mode. Corresponding mark will be reset after completion of the operation.	Yes	TST100	Segway ES/MAX
<code>scpoweroff</code>	Shut down E-Scooter.	Yes	TST100	Segway ES/MAX
<code>scsetcruiseswitch #</code>	Cruise control switch. # = Value ↓ 0 - OFF 1 - ON	Yes	TST100	Segway ES/MAX
<code>sclookfor #</code>	Enable <i>looking for scooter</i> functionality. Initiates headlight and taillight flash + buzzer beep. # = Value ↓ 0 - OFF 1 - ON	Yes	TST100	Segway ES/MAX
<code>scsetledswitch #</code>	Headlight control. # = Value ↓ 0 - OFF 1 - ON	Yes	TST100	Segway ES/MAX/ FitRider/Hergele
<code>scsetbeepswitch #</code>	Beep control switch. # = Value ↓ 0 - OFF 1 - ON	Yes	TST100	Segway ES/MAX
<code>scbuzzerctrl <arg1> <arg2></code>	IoT buzzer control. <arg1> - 0 - OFF; 1 - ON <arg2> - timeout (sec)	Yes	TST100	Segway ES/MAX/Xiaomi M365
<code>scgetbtcode</code>	Returns BT pairing code	Yes	TST100	Segway ES/MAX/Xiaomi M365
<code>scgetspdlim #</code>	Returns Speed limit value for chosen operating mode. # = Value 0 - NORMAL mode 1 - ECO mode 2 - SPORT mode	Yes	TST100	Segway ES/MAX
<code>scgetmode</code>	Returns operating mode.	Yes	TST100	Segway ES/MAX
<code>scgetcruiseswitch</code>	Returns cruise control switch state.	Yes	TST100	Segway ES/MAX
<code>scgetconfig</code>	Returns E-Scooter's functions setup.	Yes	TST100	Segway ES/MAX
<code>scgetledswitch</code>	Returns headlight control switch state.	Yes	TST100	Segway ES/MAX
<code>scsetalarmswitch <arg></code>	Beep control on alarm. <arg> - 0 - OFF; 1 - ON	Yes	TST100	Segway ES/MAX
<code>scgetalarmswitch</code>	Returns alarm control switch state.	Yes	TST100	Segway ES/MAX
<code>scgetbeepswitch</code>	Returns beep control switch state.	Yes	TST100	Segway ES/MAX
<code>scsetconfig <arg1> <arg2></code>	E-Scooter's functions setup. <arg1> - 0 - 1 st instruction set; 1 - 2 nd instruction set <arg2> - 2 bytes value where each bit controls separate parameter	Yes	TST100	Segway ES/MAX
<code>sciap <arg></code>	E-Scooter's firmware update force command. <arg> - 0 - Master control, 1 - BMS1 (internal battery), 2 - BMS2 (external battery), 3 - Instrument panel (scooter head), 4 - Cable Lock (Wired)	Yes	TST100	Segway ES/MAX
<code>scbatopen</code>	Opens battery lock for battery replacement	Yes	TST100	Segway MAX
<code>sccableunlock</code>	Unlock cable lock	Yes	TST100	Segway MAX (with Wired lock)