

Template:FMB2 SMS/GPRS command list

All commands are case sensitive. When user tries to send SMS/GPRS message to FMB2YX that operates in Deep Sleep mode, it cannot arrive to FMB2YX device because the GSM/GPRS module is disabled most of the time. FMB2YX will receive the SMS/GPRS message when it exits Deep Sleep mode.

If FMB2YX is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

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Common commands

Command	Description	Response
<i>getinfo</i>	Device runtime system information.	Yes
<i>getver</i>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes
<i>getstatus</i>	Modem Status information.	Yes
<i>getgps</i>	Current GPS data, date and time.	Yes
<i>getio</i>	Readout analog input,digital input and output.	Yes
<i>ggps</i>	Returns location information with Google maps link.	Yes
<i>readio</i> #	Returns IO status, # AVL ID.	Yes
<i>cpureset</i>	Resets device.	No
<i>getparam</i> #	Returns selected parameter value, # param ID .	Yes
<i>setparam</i> #:#	Sets selected parameter value. 1.# - first ID value . 2.# - New first Parameter Value. 3.# - second ID value .	Yes
<i>setparam</i> #:#:#:#;...	4.# - New second Parameter Value. 5.# - third ID value . 6.# - New third Parameter Value. SMS command is limited to 160 characters.	

<u>flush</u> #,#,#,#,#,#,#	Redirects device to other server. 1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).	Yes
<u>countrecs</u>	Returns records number.	Yes
<u>deleterecords</u>	Delete all records from SD card.	Yes
<u>setdigout</u> ## Y1 Y2	Set digital output. 1.# - 0 or 1 (0 - OFF or 1 - ON) for DOUT1. 2.# - 0 or 1 (0 - OFF or 1 - ON) for DOUT2. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds).	Yes
<u>battery</u>	Returns battery state info.	Yes
<u>wdlog</u>	Returns all information about 'watch dogs' restarts.	Yes
<u>defaultcfg</u>	Load default configuration.	Yes
<u>setkey</u> # #	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
<u>delkey</u> #	Remove existing keyword (If device is locked, keyword cannot be changed). 1.# - old keyword.	Yes
<u>bbread</u> #	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
<u>bbinfo</u> #	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
<u>sdformat</u>	Format SD card.	Yes

Commands related to features

Command	Description	Response
<u>fc_reset</u>	Resets fuel consumption parameters.	Yes
<u>towingreact</u>	Towing reactivation.	Yes
<u>auto_calibrate:set</u>	Calibrate position if car accelerate straight to > 30 km/h for 5 sec.	Yes
<u>auto_calibrate:get</u>	Returns the state of calibration.	Yes
<u>odoset:#</u>	Set total odometer value. # - new odometer value in km.	Yes
<u>odoget</u>	Display current odometer value.	Yes

Commands related to Blue-tooth

Command	Description	Response
<u>btgetlist</u> #	Returns requested Blue-tooth list. # - 0,1 or 2 (0 - Discovered, 1 - Paired, 2 - Connected).	Yes
<u>btscan</u>	Starts Blue-tooth scan.	Yes

btvisible #	Sets Blue-tooth to visible with TMO. # - visibility TMO (from 1 to 255 seconds).	Yes
btrelease #	Disconnects from current device and pauses auto connect functionality for TMO. # - none or TMO (from 1 to 255 seconds).	Yes
btunpair #	Unpair Blue-tooth device. # - all, BT address (all - unpair all devices, BT address - unpair only specified MAC address).	Yes

Commands related to OBD

Command	Description	Response
<u>obdinfo</u>	If connected with Blue-tooth OBD dongle displays all available information from OBD.	Yes
<u>faultcodes</u>	If connected with Blue-tooth OBD dongle display all visible fault codes.	Yes
cleardtc	Clears all vehicle stored fault codes.	No
getvin	Get vehicle VIN code, if OBD dongle is connected.	Yes

Commands related to LV-CAN200/ALL-CAN300

Command	Description	Response
lvcansetprog #	Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMB1YX. # three digit number that identity vehicle.	Yes
lvcansimpletacho #	Add or remove simpletacho start byte. # - 0 or 1 (0 - don't add start byte, 1 - add start byte).	No
lvcangetprog	Get program number from LV-CAN200/ ALL-CAN300 that is connected to FMB1YX.	Yes
<u>lvcangetinfo</u>	Get information about connected LV-CAN200/ALL-CAN300.	Yes
<u>lvcanclear #</u>	Clear Total Mileage (counted), Engine Work Time (counted), Fuel Consumed (counted) parameters values. # - parameter (0 - Engine work time (counted), 1 - Fuel Consumed (counted), 2 - Vehicle Mileage (counted))..	Yes
allcanmode	Turn on ALL-CAN300 mode.	Yes
lvcanmode	Turn on LV-CAN200 mode.	Yes
<u>lvcanfaultcodes</u>	Read DTC fault codes.	Yes