

Template:FMC640 SMS/GPRS command list

All commands are case sensitive. When user tries to send SMS/GPRS message to FMB640 that operates in Deep Sleep mode, it cannot arrive to FMB640 device because the GSM/GPRS module is disabled most of the time. FMB640 will receive the SMS/GPRS message when it exits Deep Sleep mode.

If FMB640 is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

Common commands

Command	Description	Response
<u>getstatus</u>	Modem Status information.	Yes
<u>getcfgtime</u>	Date and Time of last successful configuration	Yes
<u>getgps</u>	Current GPS data and time	Yes
<u>getnmeainfo</u>	Nmea error debug sms.	Yes
<u>cpureset</u>	Reset CPU.	No
<u>defaultcfg</u>	Reset configuration to default.	Yes
<u>getver</u>	Device / Modem / Code version information.	Yes
<u>getinfo</u>	Device runtime system information.	Yes
<u>deleterecords</u>	Delete all records saved on FLASH.	Yes
<u>getio</u>	Readout digital inputs and outputs, analog inputs.	Yes
<u>banlist</u>	Banlist information.	Yes
<u>crashlog</u>	Crash log information.	Yes
<u>delete_all_sms</u>	Delete all read SMS.	Yes
<u>braminfo</u>	BatRam info.	Yes
<u>getgnss</u>	Current GNSS information.	Yes
<u>resetlimits</u>	Resets data counters.	Yes
<u>scanfms</u>	Shows FMS elements that can be read from vehicle	Yes
<u>radio #</u>	Returns IO status, # AVL ID.	Yes
<u>setdigout XXXX Y1 Y2 Y3 Y4</u>	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. 3. # - 0 or 1 (0 - OFF or 1 - ON) for DOUT3. 4. # - 0 or 1 (0 - OFF or 1 - ON) for DOUT4. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Y3 - timeout value for DOUT3 if needed (in seconds). Y4 - timeout value for DOUT4 if needed (in seconds).	Yes
<u>getparam #</u>	Readout parameter value according entered ID. # - ID value.	Yes

<u>setparam</u> #:#	Sets selected parameter value. 1.# - first ID value . 2.# - New first Parameter Value. 3.# - second ID value . 4.# - New second Parameter Value. 5.# - third ID value . 6.# - New third Parameter Value. SMS command is limited to 160 characters.	Yes
<u>setparam</u> #:#;#:#;...		
<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

Commands related to features

Command	Description	Response
<u>odoset</u> :#	Set total odometer value. # - new odometer value in m.	Yes
<u>odoget</u>	Display current odometer value.	Yes
<u>odinfo</u>	Odometer Debug info.	Yes

Commands related to LV-CAN200/ALL-CAN300

Command	Description	Response
<u>lvcansetprog</u> #	Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMx640. # - three digit number that identity vehicle	Yes
<u>lvcansimpletacho</u> #	Add or remove simpletacho start byte. # - 0 or 1 (0 - don't add start byte, 1 - add start byte)	No
<u>lvcangetprog</u>	Get program number from LV-CAN200/ ALL-CAN300 that is connected to FMx640	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