

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</u> XXXX Y1 Y2 Y3 Y4	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

setparam #:#	Sets selected parameter value.	Yes
	1.# - first ID value .	
	2.# - New first Parameter Value.	
setparam #:#;#:#;...	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.	
flush #,#,#,#,#,#,#	Redirects device to other server.	Yes
	1.# - IMEI.	
	2.# - APN.	
	3.# - LOGIN.	
	4.# - PASS.	
	5.# - IP.	
	6.# - PORT.	
	7.# - MODE (0-TCP/1-UDP).	

Commands related to features

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

Commands related to LV-CAN200/ALL-CAN300

Command	Description	Response
lvcansetprog #	Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMx640. # - 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 FMx640	Yes
lvcangetinfo	Get information about connected LV-CAN200/ALL-CAN300	Yes
lvcancelclear #	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