

Common commands

Command	Description	Response	HW Support	Parameter Group
<u>getinfo</u>	Systeminformationen zur Gerätelaufzeit.	Yes	FMBXXXExpand	Common commands
<u>getver</u>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	FMBXXX Expand	Common commands
<u>getstatus</u>	Modem Status information.	Yes	FMBXXX Expand	Common commands
<u>getgps</u>	Current GPS data, date and time.	Yes	FMBXXX Expand	Common commands
<u>getio</u>	Readout analog input,digital input and output.	Yes	FMBXXX Expand	Common commands
<u>ggps</u>	Returns location information with Google maps link.	Yes	FMBXXX Expand	Common commands
<u>readio #</u>	Returns IO status, # AVL ID.	Yes	FMBXXX Expand	Common commands
<u>cpureset</u>	resets device	No	FMBXXX Expand	Common commands
<u>fwstats</u>	Get data about FW and restarts	Yes	FMBXXX Expand	Common commands
<u>getrecord</u>	SMS command initiates saving and sending of high priority record.	No	FMBXXX Expand	Common commands
<u>gettimeiccid #</u>	Response is sent to SMS/GPRS command sender and also to GSM number provided. # - GSM number using international format e.g. 37069012345	Yes	FMBXXX Expand	Common commands
<u>getimsi</u>	Sends the IMSI number of the SIM card inserted as a response to the sender. If two SIM cards are inserted in the device, the response will be the IMSI number of the currently active SIM card.	Yes	FMBXXX Expand	Common commands
<u>allver</u>	Note: This command is supported from 03.10.02 firmware version. Responds with information about hardware and firmware versions and storage space	Yes	FMBXXX Expand	Common commands
<u>getparam #</u> <u>getparam #:#;...</u>	Returns selected parameter value. # - first <u>ID value</u> . # - second <u>ID value</u> . # - third <u>ID value</u> .	Yes	FMBXXX Expand	Common commands
<u>setparam #:#</u>	SMS command is limited to 160 characters.	Yes		

[setparam](#) #:#:#:#,... Sets selected parameter value

	[Parameter ID] : [New Parameter Value] ; [Parameter ID] : [New Parameter Value]...		FMBXXX Expand	Common commands
	SMS command is limited to 160 characters.			
flush #:#:#:#:#:#	Redirects device to other server.	Yes	FMBXXX Expand	Common commands
	1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).			
countrecs	Returns records number.	Yes	FMBXXX Expand	Common commands
web_connect	Forces device to connect to Fota WEB immediately.	Yes	FMBXXX Expand	Common commands
deleterecords	Delete all records from SD card.	Yes	FMBXXX Expand	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	FMBXXX Expand	Common commands
battery	Returns battery state info.	Yes	FMBXXX Expand	Common commands
wdlog	Returns all information about 'watch dogs'	Yes	FMBXXX Expand	Common commands
defaultcfg	Load default configuration.	Yes	FMBXXX Expand	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).	Yes	FMBXXX Expand	Common commands

<u>delkey</u> #	2.# - new keyword. Remove existing keyword (If device is locked, keyword cannot be changed). # - old keyword.	Yes	FMBXXX Expand	Common commands
<u>bbread</u> #	Return black box information (HEX value of event ID and HEX value of custom data field (optional)). # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FMBXXX Expand	Common commands
<u>bbinfo</u> #	Return same information as bbread command but additional all events timestamp is written in HEX. # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FMBXXX Expand	Common commands
<u>sdfORMAT</u>	Format SD card.	Yes	FMBXXX Expand	Common commands

Bluetooth Commands

Command	Description	Response	HW Support	Parameter Group
<u>btgetlist</u> #	Returns requested Bluetooth list. # - 0,1 or 2 (0 – Discovered, 1 – Paired, 2 – Connected, 3 – Discovered BT4/BLE devices).	Yes	FMBXXXExpand	Bluetooth commands
<u>btscan</u>	Starts Bluetooth scan.	Yes	FMBXXXExpand	Bluetooth commands
<u>btvisible</u> #	Sets Bluetooth to visible with TMO. # - visibility TMO (from 1 to 255 seconds).	Yes	FMBXXXExpand	Bluetooth commands
<u>btrelease</u> #	Disconnects from current device and pauses auto connect functionality for TMO. # - none or TMO (from 1 to 255 seconds).	Yes	FMBXXXExpand	Bluetooth commands
<u>btunpair</u> #	Unpair Bluetooth device. # - all, BT address (all – unpair all devices, BT address – unpair only specified MAC address).	Yes	FMBXXXExpand	Bluetooth commands

Commands Related to Features

Command	Description	Response	HW Support	Parameter Group
<u>fc reset</u>	Resets fuel consumption parameters.	Yes	FMBXXXExpand	Commands related to features
<u>towingreact</u>	Towing reactivation.	Yes	FMBXXXExpand	Commands related to features
<u>auto_calibrate:get</u>	Returns the state of calibration.	Yes	FMBXXXExpand	Commands related to features
<u>odoset</u> :#	Set total odometer value. # - new odometer value in km.	Yes	FMBXXXExpand	Commands related to features
<u>odoget</u>	Display current odometer value.	Yes	FMBXXXExpand	Commands related to features
<u>on_demand_trackingX</u>	X=0 – Stops Tracking on Demand functionality. X=1 – Starts Tracking on	Yes	FMBXXXExpand	Commands related to features

Demand functionality.
 X=2 – Generates one high priority record and initiates data sending to server.

Note: This command is supported from 03.25.06 firmware version.

OBD Commands

Command	Description	Response	HW Support	Parameter Group
<u>obdinfo</u>	If connected with Bluetooth OBD dongle displays all available information from OBD.	Yes	FMBXXXExpand	OBD Commands
<u>faultcodes</u>	If connected with Bluetooth OBD dongle display all visible fault codes.	Yes	FMBXXXExpand	OBD Commands
<i>cleardtc</i>	Clears all vehicle stored fault codes.	Yes	FMBXXXExpand	OBD Commands
<i>getvin</i>	Get vehicle VIN code, if OBD dongle is connected.	Yes	FMBXXXExpand	OBD Commands

CAN Adapter Commands

Command	Description	Response	HW Support	Parameter Group
<i>lvcansetprog #</i>	Set program number to CAN Adapter # - three to five digit vehicle specific number	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcangetprog</i>	Get program number from CAN Adapter	Yes	FMBXXXExpand	CAN Adapter Commands
<u>lvcangetinfo</u>	Get information about connected CAN adapter	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcansimpletacho #</i>	Add or remove simpletacho start byte. # - 0 or 1 (0 – don't add start byte, 1 – add start byte).	Yes	FMBXXXExpand	CAN Adapter Commands
<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	FMBXXXExpand	CAN Adapter Commands
<i>allcanmode</i>	Turn on ALL-CAN300 mode.	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanmode</i>	Turn on LV-CAN200 mode.	Yes	FMBXXXExpand	CAN Adapter Commands
<u>lvcanfaultcodes</u>	Read DTC fault codes.	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanopenalldoors</i>	Toggle CAN-CONTROL to open [unlock] all doors	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanclosealldoors</i>	Toggle CAN-CONTROL to close [lock] all doors	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanopentrunk</i>	Toggle CAN-CONTROL to open [unlock] trunk	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanblockengine</i>	Toggle CAN-CONTROL to block vehicle engine (<i>if command is not supported, please, visit FAQ</i>)	Yes	FMBXXXExpand	CAN Adapter Commands

<i>lvcanunblockengine</i>	Toggle CAN-CONTROL to unblock vehicle engine (<i>if command is not supported, please, visit FAQ</i>)	Yes	FMBXXXExpand	CAN Adapter Commands
<i>lvcanturninglights</i>	Toggle CAN-CONTROL to flash lights	Yes	FMBXXXExpand	CAN Adapter Commands
	One flash of all turn lights ordered through accidental / blinking turn light switch			
<u>lvcansetting:#,#</u>	This command is used to set specific counters for vehicles. From that moment of setting the value, vehicle will continue to count from the specified value.	Yes	FMB140	CAN Adapter Commands
	1.#: 0 – setting total engine work time (seconds) 1 – setting total mileage of the vehicle (km) 2 – resetting total fuel consumption to 0 is available (liters) 3 – setting total CNG use (kg) 4 – setting electric engine work time (seconds) 5 – setting wheel speed sensor impulses (impulses) 2.# - value(0 to 0xFFFFFFFF or ? (? – is used to get the current setting value))			
<u>lvcanrefresh</u>	Note: This command is supported from 03.25.15.Rev.145 firmware version. This command forces FMB1YX connection to FOTA WEB to report current CAN adapter status. Note: This command is supported from 03.25.16.Rev.281 firmware version.	Yes	FMB140	CAN Adapter Commands
<u>lvcanreset</u>	This command forces CAN adapter reset. Note: This command is supported from 03.25.16.Rev.281 firmware version.	Yes	FMB140	CAN Adapter Commands
<u>lvcancheck</u>	This command reports CAN lines connection information. Note: This command is supported from 03.25.16.Rev.281 firmware version.	Yes	FMB140	CAN Adapter Commands