

# FTC921 SMS/GPRS Commands

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## Commands apply for these devices:

[FTC921](#) [FTC961](#) [FTC881](#)

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 password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS password: password getinfo
- If SMS password is not set leave one space before command: getinfo

GPRS commands require [Codec 12](#) protocol.

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## Common commands

Command	Description	Response	HW Support	Parameter Group
<a href="#">getinfo</a>	Device runtime system information.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getver</a>	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getstatus</a>	Modem Status information.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getgps</a>	Current GPS data, date and time.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">getio</a>	Readout analog input,digital input and output.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">gmap</a>	Returns location information with Google maps link.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">readio #</a>	Returns IO status, # AVL ID.	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">coursere</a>	Resets device	No	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands
<a href="#">fwinfo</a>	Get data about FW and restarts	Yes	FTXXXX <a href="#">FTC921</a> <a href="#">FTC961</a> <a href="#">FTC881</a>	Common commands

<a href="#">getrecord</a>	SMS command initiates saving and sending of high priority record.	No	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">getimei</a> #	Response is sent to SMS/GPRS command sender and also to GSM number provided. # - GSM number using international format e.g. 37069012345	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">getimsi</a>	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.  <b>Note: This command is supported from 03.10.02 firmware version.</b>	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">giverc</a>	Responds with information about hardware and firmware versions and storage space	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">getparam</a> #	Returns selected parameter value. # - first <a href="#">ID value</a> , # - second <a href="#">ID value</a> , # - third <a href="#">ID value</a> .	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">setparam</a> #, #, #, ...	SMS command is limited to 160 characters.			
<a href="#">setparam</a> #, #	Sets selected parameter value			
<a href="#">setparam</a> #, #	[Parameter ID] ; [New Parameter Value] ; [Parameter ID] ; [New Parameter Value]...	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">setparam</a> #, #, #, #, #, ...	SMS command is limited to 160 characters. Redirects device to other server. 1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).			
<a href="#">flash</a> #, #, #, #, #, #, #		Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">countrecs</a>	Returns records number.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">web_connect</a>	Forces device to connect to Fota WEB immediately.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">deleterecords</a>	Delete all records from SD card.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">setdignost</a> ## Y1 Y2 Z1 Z2	Set digital output. 1.# - 0, 1 or 7 (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or 7 (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	FTXXXX <a href="#">Template:FTXXXX HW with</a> <a href="#">50114</a>	Common commands
<a href="#">setdignostout</a> ### Y1 Y2 Y3	Set digital output when ignition is off. 1.# - 0, 1 or 7 (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or 7 (0 - OFF, 1 - ON, ? - ignore) for DOUT2. 3.# - 0, 1 or 7 (0 - OFF, 1 - ON, ? - ignore) for DOUT3. 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).	Yes	FTXXXX <a href="#">Template:FTXXXX HW with</a> <a href="#">50114</a>	Common commands
<a href="#">battery</a>	Returns battery state info.	Yes	FTXXXX <a href="#">Template:FTXXXX HW with</a> <a href="#">50114</a>	Common commands
<a href="#">wdog</a>	Returns all information about 'watch dogs'	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">defaultfg</a>	Load default configuration.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">setkey</a> # #	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	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">delkey</a> #	Remove existing keyword (If device is locked, keyword cannot be changed). # - old keyword.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">hbxread</a> #	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	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">hbxinfo</a> #	Return same information as hbxread 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	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands
<a href="#">sdformat</a>	Format SD card.	Yes	FTXXXX <a href="#">F1C32A</a> <a href="#">F1C36A</a> <a href="#">F1C38A</a>	Common commands