



MT710L SMS Commands List (1)

Function	Commands Format	Example	Reply	Note	Default
Set password	777<new password><old password>	77712340000	SET USER PASSWORD OK	The password should consist of four digits or letters.	0000
Set APN	#803#password#APN##	#803#0000#cmnbiot##	SET GPRS APN OK	APN username and password are blank (not filled in).	NULL
	#803#password#APN#APN username#apn_password##	#803#0000#internet#internet#internet##		APN username and password are required	
Set IP/Port	#804#password#IP address(or domain)#PORT##	#804#0000#e.trackits.com#7700##	SET SERVER IP AND PORT OK	Also support domain and port	NULL
Mode 0	MODE,0,password,T1,T2	MODE,0,0000,60,1	SET TRACKER MODE: OK	1. T1 is between 10-600 seconds, and T2 is between 1-24 hours. 2. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 0 is mix mode of Mode 3 and mode 4</i>	
Mode 1	MODE,1,password,T	MODE,1,0000,60	SET TRACKER MODE: OK	T is the report interval time, and its range is between 10-600 seconds	60
Mode 2	MODE,2,password,T, X, Y	MODE,2,0000,10,1,1	SET TRACKER MODE: OK	1. T is the report interval time, and its range is between 10-60 minutes. 2. X=0 means the GPS will only wake up when the report interval time arrives. X=1 means the GPS will always be on. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	
Mode 3	MODE,3,password,T	MODE,3,0000,1	SET TRACKER MODE: OK	T is the report interval time, and its range is between 1-24 hours <i>* MODE 3 is highly recommended if you need to extend the battery life for 12 months.</i>	
Mode 4	MODE,4,Password,T	MODE,4,0000,60	SET TRACKER MODE: OK	T is the report interval time, and its range is between 10-600 seconds	
Mode 5	MODE,5,password,T, X, Y	MODE,5,0000,5,0,1	SET TRACKER MODE: OK	1. T is the report interval time, and its range is between 1-60 minutes. 2. X is fixed to 0. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	
Mode 6	MODE,6,password	MODE,6,0000	SET TRACKER MODE: OK	1. In this mode, the device only responds to SMS commands. 2. Send the text command "WHERE0000" to the tracker to receive a Google Maps link.	N/A
Mode 7	MODE,7,password,T1,T2	MODE,7,0000,10,1	SET TRACKER MODE: OK	T1 is between 10-1440 minutes, and T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 7 is an optimized version based on MODE 0, with lower power consumption than MODE 0</i>	
Mode 8	MODE,8,password,T	MODE,8,0000,10	SET TRACKER MODE: OK	When the device is indoors, it goes to sleep. When it is outdoors and continues moving, it reports every T seconds (T = 10-60).	10
Mode 9	MODE,9,password,T1,T2	MODE,9,0000,10,1	SET TRACKER MODE: OK	T1 is between 10-1440 minutes, T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* The only difference between MODE 7 and MODE 9 is: MODE 7 prioritizes GPS positioning, while MODE 9 prioritizes WIFI positioning.</i>	
Mode 10	MODE,10,password,T1,T2	MODE,10,0000,1,01:00	SET TRACKER MODE: OK.	T1 is [0,23] hours, T2 is [00:00,23:59] HH:MM, T2 is UTC time. After setting the alarm clock parameter, the device will automatically generate multiple sub-alarms and limit them to 24 hours according to the value set in T1. If the T1 is 0, it means that only one report will be generated per day.	
LOCK MODE	LOCK,password,X,Y	LOCK,0000,10,1	SET LOCK MODE OK.	X is the report interval time, with a range of [10,60] seconds. Y is the interval time back to the last mode, with a range of [1,60] minutes. <i>*When the device receives this command, it will change to real time tracking mode and run as the interval, then automatically reverts to the previous working mode.</i>	N/A
Set Protocol	#800#password#X##	#800#0000#TCP## #800#0000#UDP##	SET SERVER TYPE OK	If X=TCP, it means the device is set up to use the TCP protocol. If X=UDP, it means the device is set up to use the UDP protocol	TCP
SET GPS Duration	*DUR#password#X##	*DUR#0000#2##	SET GPS DURATION OK	X is a value between 1 and 10 minutes. It represents the duration of time during which the GPS will continue searching for a signal after it wakes up.	2m
Set Last Known Position	192+password	1920000	SET LAST VALID GPS: OFF	1. If X=0, it means the last known position is disabled. If GPS is unavailable, it will report invalid GPS data.	OFF
	193+password	1930000	SET LAST VALID GPS: ON.	2. If X=1, it means the last known position report is enabled. When GPS is unavailable, it will report the last known position to the server.	
Set LBS	*LBS#password#X##	*LBS#0000#0##	SET LBS: OFF	X=0 disables LBS, meaning the report data will not include LBS data.	0
		*LBS#0000#1##	SET LBS: ON	X=1 enables LBS. When both GPS and WiFi are unavailable, the report data will include LBS data.	
		*LBS#0000#2##	SET LBS: ON	X=2 enables LBS. When fewer than four WiFi MAC addresses are detected, the report data will include LBS data.	
		*LBS#0000#3##	SET LBS: ON	X=3 enables LBS. When GPS is unavailable, the report data will include LBS data.	



MT710L SMS Commands List (2)

Function	Commands Format	Example	Reply	Note	Default
SET AGPS	190+password 191+password	1900000 1910000	SET AGPS: OFF SET AGPS: ON	1. If X=0, it means WiFi positioning is disabled. If X=1, it means WiFi positioning is enabled. 2. If GPS is unavailable, it will report the WiFi location.	ON
Power Button	*MSW#password#X##	*MSW#0000#0## *MSW#0000#1##	SET MAIN KEY: OFF SET MAIN KEY: ON	If X=1, the device can be powered off/on via the power button. If X=0, the power button is invalid (the device can't be powered on/off and SOS is unavailable).	ON
Set G-sensor	#999#user password#wake-up threshold#vibrate threshold#vibrate sensitivity#vibrate time##	#999#0000#70#70#2#1##	SET GSENSOR OK.	https://help.mictrack.com/articles/how-to-adjust-the-vibration-sensitivity-on-mt700/	
Set Time Zone	896<password><+/-HH:MM>	8960000+08:00	SET TIME ZONE:+08:00	The time zone range is from -12:00 to +13:00, and this setting is only applicable in MODE 6. Note that changing the time zone on the device will not affect the time zone on your server.	0
RESTART	*RESTART#password##	*RESTART#0000##	DEVICE WILL BE RESTART.	Device will be reboot	
RESET	*RESET#password##	*RESET#0000##	DEVICE WILL BE RESET.	Device will resume to default settings.	
Read the Configure	*RCONF#1##	*RCONF#1##	NET:TCP GU:MT710L,0000 UP:0000 SRV:NC,,0 APN:..		
Read the Configure	*RCONF#2##	*RCONF#2##	ID:862255061984701 DBG:OFF HBC:5m DUR:2m RWT:120s LEP:OFF MSW:ON LBS:0 AGPS:ON TZ:0 ANG:0,0,0 GSEN:70,70,2,187 MODE:8,10s,1,0		
Read the Configure	*RCONF#3##	*RCONF#3##	ISD:22/07/26 MDL:MT710L SV:V2.1.6 HV:V2.0.0 MV:EG800AK LIC:OK AU:Darren@Mictrack IN:linkedin.com/in/imdarren		
Read the Configure	*RCONF#4##	*RCONF#4##	CCID:898604A6102191189881 AP:1057,300,, GEO:Lat=0.00000,Ing=0.00000,R=0 SAVE:1,0,10m SOC:NORMAL PRIOR:GNSS		



MT710L USB Commands List (1)

Function	Commands Format	Example	Reply	Note	Default
Start	ETS	ETS	ETS,OK	You need to send this command first for the USB configuration, or other commands may not work.	
Set password	777,password	777,1234	777,OK	The password should consist of four digits or letters.	0000
Set APN	803,apn,,	803,cmnet,,	803,OK	APN username and password are blank (not filled in).	NULL
	803,APN,APN username,apn password	803,cmnet,internet,internet		APN username and password are required	
Set IP/Port	804,IP,Port	804,e.trackits.com,7700	804,OK	Also support domain and port	NULL
Mode 0	MODE,0,T1,T2	MODE,0,10,1	MODE,OK	1. T1 is between 10-600 seconds, and T2 is between 1-24 hours. 2. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 0 is mix mode of Mode 3 and mode 4</i>	N/A
Mode 1	MODE,1,T	MODE,1,10	MODE,OK	T is the report interval time, and its range is between 10-600 seconds	60
Mode 2	MODE,2,T, X, Y	MODE,2,10,1,1	MODE,OK	1. T is the report interval time, and its range is between 10-60 minutes. 2. X=0 means the GPS will only wake up when the report interval time arrives. X=1 means the GPS will always be on. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	N/A
Mode 3	MODE,3,T	MODE,3,1	MODE,OK	T is the report interval time, and its range is between 1-24 hours <i>* MODE 3 is highly recommended if you need to extend the battery life for 12 months.</i>	N/A
Mode 4	MODE,4,T	MODE,4,10	MODE,OK	T is the report interval time, and its range is between 10-600 seconds	N/A
Mode 5	MODE,5,T, X, Y	MODE,5,5,0,1	MODE,OK	1. T is the report interval time, and its range is between 1-60 minutes. 2. X is fixed to 0. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	N/A
MODE 6	MODE,6	MODE,6	MODE,OK	1. In this mode, the device only responds to SMS commands. 2. Send the text command "WHERE0000" to the tracker to receive a Google Maps link.	N/A
Mode 7	MODE,7,T1,T2	MODE,7,10,1	MODE,OK	T1 is between 10-1440 minutes, and T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 7 is an optimized version based on MODE 0, with lower power consumption than MODE 0</i>	
Mode 8	MODE,8,T	MODE,8,10	MODE,OK	When the device is indoors, it goes to sleep. When it is outdoors and continues moving, it reports every T seconds (T = 10-60).	10
Mode 9	MODE,9,T1,T2	MODE,9,10,1	MODE,OK	T1 is between 10-1440 minutes, and T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* The only difference between MODE 7 and MODE 9 is: MODE 7 prioritizes GPS positioning, while MODE 9 prioritizes WIFI positioning.</i>	10
Mode 10	MODE,10,T1,T2	MODE,10,1,01:00	MODE,OK	T1 is [0,23] hours, T2 is [00:00,23:59] HH:MM.T2 is UTC time. After setting the alarm clock parameter, the device will automatically generate multiple sub-alarms and limit them to 24 hours according to the value set in T1. If the T1 is 0, it means that only one report will be generated per day.	
LOCK MODE	LOCK,X,Y	LOCK,10,1	LOCK,OK	X is the report interval time, with a range of [1,60] seconds. Y is the interval time back to the last mode, with a range of [1,60] minutes.	N/A
Set protocol	800,X	800,TCP 800,UDP	800,OK	If X=TCP, it means the device is set up to use the TCP protocol. If X=UDP, it means the device is set up to use the UDP protocol	TCP
Check GPS Coordinates	WHERE	WHERE		This command is used to search for the current GPS latitude and longitude.	
Set heartbeat	HBC,T	HBC,5	HBC,OK	T is the report interval time, and its range is between 5-60 minutes.	5m
SET GPS duration	DUR,X	DUR,5	DUR,OK	X is [1,10] minutes X is the time the GPS continues searching for a signal after it wakes up.	2m
Set Last Known Position	LEP,X	LEP,0	LEP,OFF	1. If X=0, it means the last known position is disabled. If GPS is unavailable, it will report invalid GPS data. 2. If X=1, it means the last known position report is enabled. When GPS is unavailable, it will report the last known position to the server.	OFF
		LEP,1	LEP,ON		
Set LBS	LBS,X	LBS,0	LBS,OK	X=0 disables LBS, meaning the report data will not include LBS data.	0
		LBS,1		X=1 enables LBS. When both GPS and WiFi are unavailable, the report data will include LBS data.	
		LBS,2		X=2 enables LBS. When fewer than four WiFi MAC addresses are detected, the report data will include LBS data.	
		LBS,3		X=3 enables LBS. When GPS is unavailable, the report data will include LBS data.	
SET AGPS	AGPS,X	AGPS,0	AGPS,OFF	1. If X=0, it means WiFi positioning is disabled. If X=1, it means WiFi positioning is enabled. 2. If GPS is unavailable, it will report the WiFi location.	ON
		AGPS,1	AGPS,ON		



MT710L USB Commands List (2)

Function	Commands Format	Example	Reply	Note	Default
Set power button	MSW,X	MSW,0	MSW,OFF	If X=0, the power button is invalid (the device can't be powered on/off and SOS is unavailable).	ON
		MSW,1	MSW,ON	If X=1, the device can be powered off/on via the power button.	
Set Time zone	896,X	896,+480	896,OK	X is Time zone*60. Only for MODE 6. So, to set the time zone to +8:00, use the value +480 Time zone is [-12:00,+13:00]; It can't change the time zone on server.	0
Set TCP keep alive time	RWT,X	RWT,60	RWT,OK	This command can setup the Interval time of TCP keep alive. X is the keep connection interval time, with a range of [60,600] seconds.	120s
Set Positioning Priority	PRIOR,X	PRIOR,0	PRIOR,GPS	X=0 means GPS priority; X=1 means WiFi priority. <i>*This setting is applicable for MODE 3 only.</i>	GNSS
		PRIOR,1	PRIOR,WIFI		
RESTART	REBOOT	REBOOT	REBOOT,OK	After sending this command, all settings will be saved, and the device will then reboot.	
RESET	RESET	RESET	RESET,OK	Device will resume to default settings.	
Read the configure	RCONF	RCONF	NET:TCP GU:MT710L,0000 UP:0000 SRV:NC,,0 APN:.. ID:86225061984701 DBG:OFF HBC:5m DUR:2m RWT:120s LEP:OFF MSW:ON LBS:0 AGPS:ON TZ:0 ANG:0,0,0 GSEN:70,70,2,187 MODE:8,10s,1,0 CCID:898604A6102191189881 AP:1057,300.. GEO:Lat=0.00000,Ing=0.00000,R=0 SAVE:1,0,10m SOC:NORMAL PRIOR:GNSS ISD:22/07/26 MDL:MT710L SV:V2.1.6 HV:V2.0.0 MV:EG800AK LIC:OK AU:Darren@Mictrack IN:linkedin.com/in/darrendarren		
Save & Exit	QTS	QTS	QTS,OK	After sending this command, all settings are saved and the device exits configuration mode	



MT710L Downlink Commands List (1)

Function	Commands Format	Example	Reply	Note	Default
Set APN	803,apn,,	803,cmnbiot,,	#IMEI#REPLY#803,OK##	APN username and password are blank (not filled in).	NULL
	803,APN,APN username,apn password	803,cmnet,internet,internet		APN username and password are required	
Set IP/Port	804,IP,Port	804,e.trackits.com,7700	#IMEI#REPLY#804,OK##	Also support domain and port	NULL
Mode 0	MODE,0,T1,T2	MODE,0,60,1	#IMEI#REPLY#MODE,OK##	1. T1 is between 10-600 seconds, and T2 is between 1-24 hours. 2. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 0 is mix mode of Mode 3 and mode 4</i>	N/A
Mode 1	MODE,1,T	MODE,1,60	#IMEI#REPLY#MODE,OK##	T is the report interval time, and its range is between 10-600 seconds	60
Mode 2	MODE,2,T, X, Y	MODE,2,10,1,1	#IMEI#REPLY#MODE,OK##	1. T is the report interval time, and its range is between 10-60 minutes. 2. X=0 means the GPS will only wake up when the report interval time arrives. X=1 means the GPS will always be on. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	
Mode 3	MODE,3,T	MODE,3,1	#IMEI#REPLY#MODE,OK##	T is the report interval time, and its range is between 1-24 hours <i>* MODE 3 is highly recommended if you need to extend the battery life for 12 months.</i>	
Mode 4	MODE,4,T	MODE,4,60	#IMEI#REPLY#MODE,OK##	T is the report interval time, and its range is between 10-600 seconds	
Mode 5	MODE,5,T, X, Y	MODE,5,1,0,1	#IMEI#REPLY#MODE,OK##	1. T is the report interval time, and its range is between 1-60 minutes. 2. X is fixed to 0. 3. Y=0 means the TCP will only wake up when the report interval time arrives. Y=1 means the TCP will always be connected	
MODE 6	MODE,6	MODE,6	#IMEI#REPLY#MODE,OK##	1. In this mode, the device only responds to SMS commands. 2. Send the text command "WHERE0000" to the tracker to receive a Google Maps link.	N/A
Mode 7	MODE,7,T1,T2	MODE,7,10,1	#IMEI#REPLY#MODE,OK##	T1 is between 10-1440 minutes, and T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* MODE 7 is an optimized version based on MODE 0, with lower power consumption than MODE 0</i>	
Mode 8	MODE,8,T	MODE,8,10	#IMEI#REPLY#MODE,OK##	When the device is indoors, it goes to sleep. When it is outdoors and continues moving, it reports every T seconds (T = 10-60).	10
Mode 9	MODE,9,T1,T2	MODE,9,10,1	#IMEI#REPLY#MODE,OK##	T1 is between 10-1440 minutes, and T2 is between 1-24 hours. When device is moving it reports every T1; once it detects stillness, it reports every T2. <i>* The only difference between MODE 7 and MODE 9 is: MODE 7 prioritizes GPS positioning, while MODE 9 prioritizes WIFI positioning.</i>	10
Mode 10	MODE,10,T1,T2	MODE,10,1,01:00	MODE,OK	T1 is [0,23] hours, T2 is [00:00,23:59] HH:MM.T2 is UTC time. After setting the alarm clock parameter, the device will automatically generate multiple sub-alarms and limit them to 24 hours according to the value set in T1. If the T1 is 0, it means that only one report will be generated per day.	
LOCK MODE	LOCK,X,Y	LOCK,10,1	#IMEI#REPLY#LOCK,OK##	X is the report interval time, with a range of [10,60] seconds. Y is the interval time back to the last mode, with a range of [1,60] minutes.	N/A
Set protocol	800,X	800,TCP 800,UDP	#IMEI#REPLY#800,OK##	If X=TCP, it means the device is set up to use the TCP protocol. If X=UDP, it means the device is set up to use the UDP protocol	TCP
Set Home	DEF,R	DEF,30	#IMEI#REPLY#DEF_SCAN#7277248FA31A,7CB59B3B8777,7E77248FA31A## #IMEI#REPLY#DEF_SEARCH#22.64820,114.03444##	This command can automatically scan and configure 3 MAC addresses as the HOME MAC. It can also automatically configure the current latitude and longitude as the HOME Geo-fence. R is the radius, in the range [30,300] meters.	
Set heartbeat	HBC,T	HBC,5	#IMEI#REPLY#HBC,OK##	T is the report interval time, and its range is between 5-60 minutes.	5m
SET GPS duration	DUR,X	DUR,5	#IMEI#REPLY#DUR,OK##	X is [1,10] minutes X is the time the GPS continues searching for a signal after it wakes up	2m
Set TCP keep alive time	RWT,X	RWT, 60	#IMEI#REPLY#RWT,OK##	This command can setup the Interval time of TCP keep alive. X is the keep connection interval time, with a range of [60,600] seconds.	120s



MT710L Downlink Commands List (2)

Function	Commands Format	Example	Reply	Note	Default
Set last known position	LEP,X	LEP,0	#IMEI#REPLY#LEP,OK##	1. If X=0, it means the last known position is disabled. If GPS is unavailable, it will report invalid GPS data.	OFF
		LEP,1		2. If X=1, it means the last known position report is enabled. When GPS is unavailable, it will report the last known position to the server.	
Set LBS	LBS,X	LBS,0	#IMEI#REPLY#LBS,OK##	X=0 disables LBS, meaning the report data will not include LBS data.	0
		LBS,1		X=1 enables LBS. When both GPS and WiFi are unavailable, the report data will include LBS data.	
		LBS,2		X=2 enables LBS. When fewer than four WiFi MAC addresses are detected, the report data will include LBS data.	
		LBS,3		X=3 enables LBS. When GPS is unavailable, the report data will include LBS data.	
SET AGPS	AGPS,X	AGPS,0	#IMEI#REPLY#AGPS,OK##	1. If X=0, it means WiFi positioning is disabled. If X=1, it means WiFi positioning is enabled.	ON
		AGPS,1		2. If GPS is unavailable, it will report the WiFi location.	
Set Positioning Priority	PRIOR,X	PRIOR,0	#IMEI#REPLY#PRIOR,OK##	X=0 means GPS priority; X=1 means WiFi priority.	GNSS
		PRIOR,1		<i>*This setting is applicable for MODE 3 only.</i>	
Set power button	MSW,X	MSW,0	#IMEI#REPLY#MSW,OK##	If X=1, the device can be powered off/on via the power button.	ON
		MSW,1		If X=0, the power button is invalid (the device can't be powered on/off and SOS is unavailable).	
Set G-sensor	GSEN,wake-up threshold,vibrate threshold,vibrate sensitivity,vibrate time	GSEN,70,70,2,1	#IMEI#REPLY#GSEN,OK	https://help.mictrack.com/articles/how-to-adjust-the-vibration-sensitivity-on-mt700/	
Set Cat M1 only	NWM,3,0,2	NWM,3,0,2	#IMEI#REPLY#NWM,OK##	The device will work on the CAT M1 network only.	NWM,3,1,3
Set NB-IoT only	NWM,3,1,3	NWM,3,1,3	#IMEI#REPLY#NWM,OK##	The device will work on the NB-IoT network only.	
Set CAT M1 & GSM	NWM,0,0,0	NWM,0,0,0	#IMEI#REPLY#NWM,OK##	When CAT M1 is unavailable, it will switch to GSM.	
Set NB-IoT & GSM	NWM,0,1,0	NWM,0,1,0	#IMEI#REPLY#NWM,OK##	When NB-IoT is unavailable, it will switch to GSM.	
Lock band	BAND,X,Y,f	BAND,12,8,f	#IMEI#REPLY#BAND,OK##	X is the CAT M1 band, Y is the NB-IoT band, and f is the GSM band (fixed at f). After sending this command, the device will lock to CAT M1 B12, NB-IoT B8, and GSM Quad band.	ANY
Restart	REBOOT	REBOOT	#IMEI#REPLY#REBOOT,OK##	Device will be reboot	
Read the configure	RCONF,1	RCONF,1	#IMEI#REPLY#RCONF,1#info1##	NET:TCP GU:MT710L,0000 UP:0000 SRV:NC,,0 APN:,,	
Read the configure	RCONF,2	RCONF,2	#IMEI#REPLY#RCONF,2#info2##	ID:862255061984701 DBG:OFF HBC:5m DUR:2m RWT:120s LEP:OFF MSW:ON LBS:0 AGPS:ON TZ:0 ANG:0,0,0 GSEN:70,70,2,187 MODE:8,10s,1,0	



MT710L Downlink Commands List (3)

Function	Commands Format	Example	Reply	Note	Default
Read the configure	RCONF,3	RCONF,3	#IMEI#REPLY#RCONF,3#info3##	ISD:22/07/26 MDL:MT710L SV:V2.1.6 HV:V2.0.0 MV:EG800AK LIC:OK AU:Darren@Mictrack IN:linkedin.com/in/imdarren	
Read the configure	RCONF,4	RCONF,4	#IMEI#REPLY#RCONF,4#info4##	CCID:898604A6102191189881 AP:1057,300,,, GEO:Lat=0.00000,Ing=0.00000,R=0 SAVE:1,0,10m SOC:NORMAL PRIOR:GNSS	



MT710L Config Info Description (1)

Config info	Example	Descriptions	Default
NET:X	NET:TCP	1. X=TCP or UDP. 2. TCP means in TCP and UDP means in UDP protocol	TCP
GU: X,Y	GU:MT710L,0000	X is the GPRS username, and Y is the GPRS password. These items can be ignored during server data parsing	MT710L,0000
UP:X	UP:0000	X is the SMS password, and the default value is 0000.	0000
SRV:X,Y,Z	SRV:IP,113.98.254.180,7700	X is either an IP or a domain (DM); Y is the server's IP or domain; Z is the port.	NC,,0
APN:X,,	APN:cmnbiot,,	X is APN (APN username and password are blank)	Blank
ID:X	ID:865640063551888	X is the device's ID number	
DBG:X	DBG:OFF	X = ON or OFF. ON means debugging is enabled and OFF means debugging is disabled.	OFF
HBC:T	HBC:5m	1.T is the heartbeat report interval time. 2.The report interval time is between 5 and 60 minutes. 3.This function is only available in Mode 2 and Mode 5." 4.When TCP is always on, it will report the heartbeat data at the interval. When TCP is off, the heartbeat report will be disabled.	5m
DUR,X	DUR,2	X is a value between 1 and 10 minutes. It represents the duration of time during which the GPS will continue searching for a signal after it wakes up.	2m
RWT,X	RWT:120s	This command can setup the Interval time of TCP keep alive. X is the keep connection interval time, with a range of [60,600] seconds.	120s
LEP:X	LEP:0	1. If X=0, it means the last known position is disabled. If GPS is unavailable, it will report invalid GPS data. 2. If X=1, it means the last known position report is enabled. When GPS is unavailable, it will report the last known position to the server.	OFF
LBS:X	LBS:0	X=0 disables LBS, meaning the report data will not include LBS data. X=1 enables LBS. When both GPS and WiFi are unavailable, the report data will include LBS data. X=2 enables LBS. When fewer than four WiFi MAC addresses are detected, the report data will include LBS data. X=3 enables LBS. When GPS is unavailable, the report data will include LBS data.	0
AGPS:X	AGPS:ON	1. If X=0, it means WiFi positioning is disabled. If X=1, it means WiFi positioning is enabled. 2. If GPS is unavailable, it will report the WiFi location.	ON
MSW:X	MSW:ON	X=ON, the device can be powered off/on via the power button. X=OFF, the power button is invalid (the device can't be powered on/off and SOS is unavailable).	ON
TZ:X	TIME_ZONE	Time zone is [-12:00,+13:00]	0
ANG:0,0,0	ANG:0,0,0	Reserved	0,0,0
GSEN,T1,T2,T3,T4	GSEN:70,70,2,187	T1 is the wake-up threshold. It is used to trigger the transition from static state to vibration detection state. The value range is [1,125] mg, and the default value is 70 mg. T2 is the vibrate threshold. It is the magnitude of effective vibration during vibration detection. The value range is [10, 2000] mg, and the default value is 70 mg. T3 is the vibrate sensitivity. It is the number of effective vibrations during vibration detection. The value range is [1, 32] times, and the default value is 2. T4 is the vibrate time. It is the period of a single vibration detection. The range is [1, 10] minutes, the default value is 1.	70,70,2,187



MT710L Config Info Description (2)

Config info	Example	Descriptions	Default
MODE:X,T1,T2,T3	MODE:8,10s,1,0	X is working mode. 1. X=0 means the device is in Mode 0. T1 is the report interval time, ranging from [10-600] seconds, T2 is the report interval time, ranging from [1-24] hours. T3 is reserved. 2. X=1 means the device is in Mode 1. T1 is the report interval time, ranging from [10-600] seconds, while T2/T3 is reserved. 3. X=2 means the device is in Mode 2. T1 is the report interval time, ranging from [10-60] minutes. T2=0 means GPS will wake-up only when the report interval time arrives, while T2=1 means GPS will always be on. T3=0 means TCP will wake-up only when the report interval time arrives, while T3=1 means TCP will always be connected. 4. X=3 means the device is in Mode 3. T1 is the report interval time, ranging from [1-24] hours, while T2/T3 is reserved. 5. X=4 means the device is in Mode 4. T1 is the report interval time, ranging from [10-600] seconds, while T2/T3 is reserved. 6. X=5 means the device is in Mode 5. T1 is the report interval time, ranging from [1-60] minutes. T2 is fixed to 0. T3=0 means TCP will wake-up only when the report interval time arrives, while T3=1 means TCP will always be connected. 7. X=6 means the device is in Mode 6. 8. X=7 means the device is in Mode 7. T1 is the report interval time, ranging from [10-1440] minutes, T2 is the report interval time, ranging from [1-24] hours. T3 is reserved. 9. X=8 means the device is in Mode 8. When the device is indoors, it goes to sleep. When it is outdoors and continues moving, it reports every T seconds (T = 10-60). 10. X=9 means the device is in Mode 9. T1 is the report interval time, ranging from [10-1440] minutes, T2 is the report interval time, ranging from [1-24] hours. T3 is reserved. 11. X=10, means the device is in Mode 10. T1 is [0,23] hours, T2 is [00:00,23:59] HH:MM. T2 is UTC time.	MODE:8,10s,1,0
CCID:X	CCID:898604A6102191189883	SIM Card ICCID Number	
AP:X,Y,MAC1,MAC2,MAC3	AP:1057,300,,,	The 3 MAC address info. X is fixed at 1057 and Y is fixed at 300.	
GEO:X,Y,R	GEO:Lat=0.00000,Ing=0.00000,R=0	Geo-fence Info, X is Lat and Y is Long, R is the Geo-fence radius and the range is 30-300 meters.	
SAVE:X,Y,Z	SAVE:1,0,10m	Reserved	1,0,10m
SOC:NORMAL	SOC:NORMAL	Reserved	NORMAL
PRIOR,X	PRIOR,GNSS	X=0 means GPS priority; X=1 means WiFi priority. *This setting is applicable for MODE 3 only.	GNSS
ISD: DD/MM/YY	ISD:22/07/26	Firmware release date.	22/07/26
MDL:MT710L	MDL:MT710L	Device Model	MT710L
SV:V2.1.6	SV:V2.1.6	Software version V2.1.6	V2.1.6
HV:V2.0.0	HV:V2.0.0	Hardware version V2.0.0	V2.0.0
MV:BG96MAR04A05M1G	MV:EG800AK	Cellular module firmware version EG800AK	EG800AK
LIC:OK	LIC:OK	Default information can be ignored.	OK
AU:Darren@Mictrack	AU:Darren@Mictrack	Default information can be ignored.	Darren
IN:linkedin.com/in/imdarren	IN:linkedin.com/in/imdarren	Default information can be ignored.	linkedin.com/in/imdarren

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