Cellcom Prime 7 (FOTA) - Complete List of Parameters

The table below show the complete list of features. Programming messages below must begin with 9999# (assuming 9999 is still the programming passcode…)	Latest firmware release: V2.2.7

SMS String	Description	Default	Firmware Version
Passcodes			
9999#01Code#	Change programming passcode Code = 4 digit passcode	9999	Original (V2.2.3)
9999#02Code#	Change access control passcode (SMS control of relays, or non-stored numbers can call intercom and enter code to trigger relay 1). Code = 4 digit passcode	1234	Original
9999#03Code#	Change monitoring mode passcode (user can call the intercom, enter this passcode to listen in and speak) Code = 4 digit passcode	5555	Original
Dial Out Numbers			
9999#1XYPhonenumber#	Store dial out numbers. X = 0-9 (button number; 0 = button 10) Y = 1-4 (sequence number dialled)	N/A	Original
9999#1XY*#	Delete a dial out number. X = 0-9 (button number; 0 = button 10) Y = 1-4 (sequence number dialled)	N/A	Original
9999#1XYPhonenumber*Ext#	Store dial out numbers with extensions. (Calling Automated PBX systems) X = 0-9 (button number; 0 = button 10) Y = number dialled 1-4 * = 2 second delay (add more for longer delay) Ext = Extension to press E.g. 9999#11107777123456**2# This would call the number as shown, and then after 4 seconds, dial 2 to select option 2 on a switch board.	N/A	Original
Dialling Out			
9999#45X#Y#	Set Calling time for phone number positions. Adjust this to avoid voicemail picking up a call. X = sequence number dialled 1-4 Y = 10-99 seconds	20 secs	Original
9999#53X#	Set Talking time. X = 5-9999 seconds	60 secs	Original
9999#56X#	Abort call if answered too soon (i.e. jumps to next number in sequence if dial out phone has no signal or is in airplane mode etc.) X = 0-9 seconds (1-2 seconds recommended)	0	Original
9999#52X#	Change DTMF process to eliminate potential false triggering whilst on a call. Press 1#, 2# etc to trigger, latch etc X = 0 or 1 (0 = Disable, 1 = Enable)	1	Original
9999#89X#	Change Relay 1 DTMF trigger command to another digit. X = 0-9 (Digits *, #, 7, 8, 9 or 0 recommended so as to not interfere with the operation of the relays)	1	Original (V2.2.7 upgrade)
9999#95X#	Latching via DTMF. (If latching is not required, or latching by mistake, on a dial out call). X = 0 or 1 (0 = Disable, 1 = Enable)	0	Original
Volume			
9999#3X#	Speaker Volume Level X = 1-9	5	Original
9999#4X#	Microphone Volume Level X = 1-9	5	Original
9999#3*X#	Dialling Tone Volume Level X = 1-6	3	Original
9999#31X#	Keypad Volume Level X = 1-3	3	N/a (coming soon!)

SMS String	Description	Default	Firmware Version

Do Not Disturb (Push Button is ACTIVE during set times)

SMS String	Description	Default	Firmware Version
1234#21#ON#	ON = activated. OFF = de-activated.	OFF	Original
9999#21#Day,Day,Day#Time1,Time2#	Enter all active days during which button should operate. Day = mon,tue,wed,thu,fri,sat,sun. Time1 = start time Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)	N/A	Original
9999#21XPhonenumber#	Alternate Number to Call During Do Not Disturb Times. X = 0-9 (button number; 0 = button 10)	N/A	Original
9999#21#*#	Delete all Do Not Disturb times.	N/A	Original

Push-To-Exit

SMS String	Description	Default	Firmware Version
9999#22X#	Switch PTE relay from relay 1 to 2 X = 1 or 2 (1 = Relay 1, 2 = Relay 2)	1	V2.2.7
9999#22#Day,Day,Day#Time1,Time2#	Enter all active days during which PTE should operate. Day = mon,tue,wed,thu,fri,sat,sun. Time1 = start time Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)	N/A	V2.2.7
9999#22#*#	Delete all Push To Exit times.	N/A	V2.2.7

Relay Operation via SMS

SMS String	Description	Default	Firmware Version
1234#X#	Manually trigger,latch or unlatch relays by SMS. X = Relay function. (1 = Trigger relay 1, 2 = Latch relay 1, 3 = Unlatch relay 1) (4 = Trigger relay 2, 5 = Latch relay 2, 6 = Unlatch relay 2)	N/A	Original
9999#81X#	Disable SMS reply from manual trigger, latch or unlatch command. X = 0 or 1 (0 = Disable, 1 = Enable)	1	Original

Relay Names and Status Names

SMS String	Description	Default	Firmware Version
9999#39#Name1#Name2#RelayStatus1#RelayStatus2####	Set Doorstation Relay Names & Status Names Name1 = Relay 1 name e.g. Front Gate Name2 = Relay 2 name e.g. Back Gate RelayStatus1 = Latched Relay Status name e.g. Open RelayStatus2 = Unlatched Relay status name e.g. Closed	N/A	Original
9999#391#Aux1#Aux2#Aux3#Aux4#Aux5#Aux6#	Set Auxiliary Relay Names (status names already defined in above SMS) Aux1 = Auxiliary 1 name e.g. Front Door Keypad Aux2 = Auxiliary 2 name e.g. Lobby Prox Reader Maximum of 6 Auxiliaries	N/A	Original

Relay Times

SMS String	Description	Default	Firmware Version
9999#50X#	Relay 1 time. X = 1-9999 secs	1 sec	Original
9999#51X#	Relay 2 time. X = 1-9999 secs	1 sec	Original

Auxiliary Unit Relay Times

SMS String	Description	Default	Firmware Version
9999#053X#	Relay 3 time. X = 1-9999 secs	1 sec	Original
9999#054X#	Relay 4 time. X = 1-9999 secs	1 sec	Original
9999#055X#	Relay 5 time. X = 1-9999 secs	1 sec	Original
9999#056X#	Relay 6 time. X = 1-9999 secs	1 sec	Original
9999#057X#	Relay 7 time. X = 1-9999 secs	1 sec	Original
9999#058X#	Relay 8 time. X = 1-9999 secs	1 sec	Original

Automatic Relay Times

SMS String	Description	Default	Firmware Version
1234#X#Day,Day,Day#Time#	X=1,2,3 (trigger, latch, unlatch relay 1) 4,5,6 (trigger, latch, unlatch relay 2) Day = days of the week (mon,tue,wed,thu,fri,sat,sun) Time = time of day (24 hr format, no colon. E.g. 8:30am = 0830)	N/A	Original
1234*#	Delete all automatic relay times.	N/A	Original

SMS String	Description	Default	Firmware Version
Notifications			
9999#78Phonenumber#	Store up to four phone numbers to receive a notification message when access is granted (includes relays being unlatched). Max 4 per message e.g. 9999#78phonenumber#78phonenumber#78phonenumber#78phonenumber#	N/A	Original
9999#78*#	Delete all notification phone numbers.	N/A	Original
9999#79Text#	Program message the notified number will receive. Text = text to send to the receiving phone (e.g. "gate operated")	N/A	Original
9999#80X#	Enable notification to be sent when gate is triggered. X = 0 or 1 (0 = Disable, 1 = Enable)	N/A	Original
Enable Auxiliary Unit(s)			
9999#00X#	Enable/ Disable Auxiliary Unit(s) X = 0 or 1 (0 = Disable, 1 = Enable) (Default state (disabled) ensures use of both **relays 1 AND 2** via keypad and/or prox- when enabled for auxiliary use, **relay 1 OR 2** can be triggered via keypad and/or prox).	0	Original
Prox Card/Tag Programming			
9999#61XCardID#Time#Name#	Store permanent prox card/tag ID (maximum of 250 cards/tags). X=1-8 for relay 1-8. Card ID = Prox ID number (fixed 10 digits) Time = 1-9999 seconds, or 0 for latching code. Name = Name of cardholder (optional) (max 6 characters)	N/A	Original
9999#62X#Hours#CardID#	Store temporary prox card/tag ID (maximum of 50 cards/tags). X=1-8 for relay 1-8. Hours = time to expire in hours (1-168 hours) Card ID = Prox ID number (fixed 10 digits)	N/A	Original
9999#63X#Day,Day,Day#Time1,Time2#CardID#Name#	Store time restricted prox card/tag ID (maximum of 250 time slots). X=1-8 for relay 1-8. Day = day of the week e.g. mon,tue,wed,thur,fri. Time1 = start time. Time2 = end time (24 hr format, no colon. E.g. 11:30pm = 2330. 8.30am = 0830. Card ID = Prox ID number (fixed 10 digits) Name = Name of cardholder (optional) (max 6 characters)	N/A	Original
9999#64CardID#	Delete known prox card/tag ID. CardID = Prox ID number (fixed 10 digits)	N/A	Original
9999#64*#	Delete all prox card/tag IDs.	N/A	Original
Caller ID			
9999#72Phonenumber#	Store permanent caller ID number (maximum 14 digits long, maximum of 250 numbers). (Only last 6 digits compared for ID). Max 8 per message e.g.	N/A	Original
9999#72#Day,Day,Day#Time1,Time2#Phonenumber#	Store time restricted caller ID number (maximum of 250 time slots). Day = day of the week e.g. mon,tue,wed,thur,fri. Time1 = start time. Time2 = end time (24 hr format, no colon. E.g. 11:30pm = 2330. 8.30am = 0830.	N/A	Original
9999#73Phonenumber#	Delete known caller ID number.	N/A	Original
9999#73*#	Delete all caller ID numbers.	N/A	Original
9999#75X#	Enable Open Caller ID mode. X = 0 or 1 (0 = Disable, 1 = Enable) (allow any unprogrammed number to call unit for immediate access)	0	Original
9999#88X#	KPN Caller ID fix feature. X = 0 or 1 (0 = Disable, 1 = Enable) Feature added by default to prevent potential multi-triggering on some networks.	1	Original
9999#54X#	Switch Caller ID from relay 1 to 2 (Both permanent and time-restricted). X = 1 or 2 (1 = Relay 1, 2 = Relay 2) (An unstored number will still trigger relay 1 via the default usercode 1234, even if Caller ID is set to relay 2)	1	Original

SMS String	Description	Default	Firmware Version
Keypad Programming			
9999#81XCode#Time#Name#	Store permanent keypad code (maximum of 250 codes). X = 1-8 for relay 1-8. Code = 4 digit passcode Time = 1-9999 seconds, or 0 for latching code. Name = Name of cardholder (optional) (max 6 characters).	N/A	Original
9999#82X#Hours#Code#	Store temporary keypad code (maximum of 50 codes). X = 1-8 for relay 1-8. Hours = time to expire in hours (1-168 hours) Code = 4 digit passcode	N/A	Original
9999#83X#Day,Day,Day#Time1,Time2#Code#Name#	Store time restricted keypad code (maximum of 250 time slots). X = 1-8 for relay 1-8. Day = day of the week e.g. mon,tue,wed,thur,fri. Time1 = start time. Time2 = end time (24 hr format, no colon. E.g. 11:30pm = 2330. 8.30am = 0830. Code = 4 digit passcode Name = Name of cardholder (optional) (max 6 characters).	N/A	Original
9999#84Code#	Delete known keypad code. Code = 4 digit passcode to be deleted.	N/A	Original
9999#84*#	Delete all keypad codes.	N/A	Original

SMS String	Description	Default	Firmware Version
Service Calls			
9999#57Days#	Set the time schedule for the intercom to make a scheduled call or SMS to the service number. Days = 0-60 (0 = no call or SMS)	00	Original
9999#58X#	Choose between making a scheduled call or scheduled SMS. X = 0 or 1 (0 = SMS, 1 = Call)	**0**	Original
9999#77Phonenumber#	Store a service number to receive a scheduled call or SMS from the unit. Useful for SIM cards which are not often used to prevent switch off by the network provider.	N/A	Original
9999#77*#	Delete the stored service number	N/A	Original

SMS String	Description	Default	Firmware Version
Time Synchronisation			
9999#86SIMphonenumber#	Store Intercom OWN phone number for time sync after reboot/power failure.	N/A	Original
9999#86*#	Delete the programmed phone number.	N/A	Original
9999#87Days#	Activate auto time reset for Winter/Summer daylight saving days = 0-99 (0 = no SMS)	0	Original
9999#67X#	Time Synchronisation Mode X = 0 or 1 (0 = synchronisation by SMS, 1 = synchronisation by NTP server)	0	Original
9999#66X#	Set Universal Time Clock (UTC) (for use with NTP server time synchronisation method) e.g. 9999#661# for BST or 9999#66-5# for ET	N/A	Original
9999#96X#	Adjust timestamp manually to account for local time differences. (E.g. the local time is 15:30 but the time in the intercom is 17:30 - use this code to adjust the time: 9999#96-2#)	0	Original

SMS String	Description	Default	Firmware Version
Miscellaneous			
9999#68X#	Modem auto reboot. X=0-99 (When X=0 the reboot timer is turned off; X=4, the modem will be rebooted every 4 hours.)	0	Original
9999#55X#	Max monitoring time (for listen in mode when calling the intercom) X = 00-60 mins (00 = no limit)	10 mins	Original
9999#59X#	Keypad Baud Rate Change. Only required if using a PRIME 6/7 PCB with an older style keypad (no slave connections) X = 0 or 1 (0 = 9600, new prime keypad; 1 =115200, old prime keypad)	0	Original
9999#27X#	Events Log Customise X = 5-50 (e.g. 9999#2710# for 10 events in reply message).	20	Original

SMS String	Description	Default	Firmware Version

Network Settings

SMS String	Description	Default	Firmware Version
9999#97APN#	Set APN for connecting to 4G network. APN = Network's APN (this can be retrieved from the network provider e.g. 9999#97wap.vodafone.co.uk#)	N/A	Original
9999#97*#	Delete stored APN	N/A	Original
	Set APN via Keypad if no 2G/3G signal. If there is no 2G/3G signal in your area the system will not be able to connect to the network at all without applying the APN. To complete this via the keypad please follow the steps below: 1. Short the PB terminals on the PCB before turning unit on. 2. Upon power up, a long tone will be emitted from the speaker and the blue LED will remain solid - it is now in the APN setting mode. 3. After this, enter the APN serial number through the keypad then press #. (e.g. if you want to set APN No. 18, press 1 - 8, then #. A long beep will again be heard) 4. Reboot unit. Note: List of the most common network APN's with associated keypad reference can be found on our resource page at aesglobalonline.com	N/A	Original
9999#98X#	Change Network Mode (Turn off 4G mode to not allow data usage) [No ping when in 2G/3G mode] X = 0 4G Off (2G/3G only) ; X = 1 Auto-Switch (2G/3G/4G)	1	Original

Information

SMS String	Description	Default	Firmware Version
*10#	Check Stored Technical Information	N/A	Original
*20#	Check Signal Level (1-31). (recommended minimum level 10 for 4G or 3G and level 13 for 2G) Also includes firmware version, time and date, IMEI number and APN.	N/A	Original
*21#	Check Stored Numbers. O = dial out number. I = dial in number. (N = Next Message to follow; E = end of messages)	N/A	Original
*22#	Check Input Status and Relay Status.	N/A	Original
*23#	Events Log (check last 20 events, most recent first). Use this to see who used the intercom and when (UK date format). USER = dial out call made; CID = caller ID used; CODE = keypad code used; CARD = prox card/tag used. R1-8 = relay 1-8 triggered (code or prox card/tag only).	N/A	Original
*24#	Check Automatic Relay Times. (F1-3 = Function 1-3, R 1/2 = Relay 1/2) F1 = Trigger; F2 = Latch; F3 = Unlatch.	N/A	Original
*25#	Check Notification Number(s).	N/A	Original
*26#	Check Stored Time Restricted Caller ID Numbers. Includes dial in number, day and time details	N/A	Original
*27#	Check Do Not Disturb Times (i.e. programmed active times). Includes Out Of Hours number.	N/A	Original
*29#	Check Auxiliary Unit(s) Relay Status.	N/A	Original
*40#	Check Push To Exit Time Limits	N/A	V2.2.7
1234#25#	Check Stored Keypad Codes. Norm = permanent keypad codes; Plan = time restricted keypad codes; Temp = temporary keypad codes; R1-8 = code programmed for relay 1-8; *** = latching code.**	N/A	Original **(V2.2.7 upgrade)**
1234#26#	Check Stored Prox Cards/Tags. Norm = permanent prox card/tags; Plan = time restricted prox card/tags; Temp = temporary prox card/tags; R1-8 = prox card/tag programmed for relay 1-8; *** = latching card/tag.**	N/A	Original **(V2.2.7 upgrade)**
*97#	Check MBN list.	N/A	V2.2.6
*98#	Check NTP server and Google ping status.	N/A	V2.2.6

Restore Defaults

SMS String	Description	Default	Firmware Version
9999#999#	Send with passcode string to clear all programming.	N/A	Original