

iGate Dual (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: V1.0.1
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SMS String	Description	Default	Firmware Version
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Passcodes

9999#01Code#	Change programming passcode. Code = 4 digit passcode	9999	Original (V1.0.1)
9999#02Code#	Change access control passcode (SMS control of relays, or non-stored numbers can call intercom & enter code to trigger the relay). Code = 4 digit passcode	1234	Original

Relays

9999#50X#	Relay 1 trigger time. X = 1-9999 seconds	1 sec	Original
9999#51X#	Relay 2 trigger time. X = 1-9999 secs	1 sec	Original
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
9999#39#Name1#Name2#RelayStatus1#RelayStatus2####	Set Doorstation Relay Names & Status Names (These names will also be denoted in the SMS replies from manual trigger, latch or unlatch commands). 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

Automatic Relay Times

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

Caller ID

9999#72Phonenumber#Name#	Store permanent caller ID number (maximum 16 digits long, maximum of 1280 numbers). (Only last 6 digits compared for ID). Max 8 per message e.g. 9999#72phonenumber#72phonenumber#72phonenumber#72phonenumber#72phonenumber#72phonenumber#72phonenumber# Name = Name of phone number user (optional) (max 6 characters).	N/A	Original
9999#72#Day,Day,Day#Time1,Time2#Phonenumber#Name#	Store time restricted caller ID number (maximum of 250 time slots). Day = day of the week e.g. mon,tue,wed,thu,fri. Time1 = start time. Time2 = end time (24 hr format, no colon. E.g. 11:30pm = 2330. 8.30am = 0830. Name = Name of phone number user(optional) (max 6 characters).	N/A	Original
9999#73Number#	Delete 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#	Caller ID Mode. X = 0-2 (0 = Disable, 1 = Enable, 2 = answer then hang up) Feature added by default to prevent potential multi-triggering on some networks.	1	Original
9999#54X#	Switch Caller ID (& e-Loop) 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
Push-To-Exit			
9999#22X#	Switch PTE relay from relay 1 to 2 X = 1 or 2 (1 = Relay 1, 2 = Relay 2)	1	Original
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	Original
9999#22#*#	Delete all Push To Exit times.	N/A	Original
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#79Text1#Text2#X#	Program message the notified number(s) will receive. Text1 = When access is granted- text to send to the receiving phone(s) (e.g. 'Gate Operated') Text2 = When access is denied- text to send to the receiving phone(s) (e.g. 'e-Loop locked out') X=1 or 2 (optional) (relays 1 AND 2 by default).	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
Regular Status Report			
9999#57X#	Set the time schedule for the intercom to make an SMS status report. X = 1 or 2 (1 = Daily, 2 = Weekly) The status report is sent at 6am; weekly report Monday 6am.	0	Original
9999#58Text#	Program unit name to distinguish it from multiple Igate units. Text = text to send to the receiving phone (e.g. "GSM Switch - Industrial Estate")	N/A	Original
9999#77Phonenumber#	Store up to four mobile phone number to receive the SMS status report from the unit. Max 4 per message e.g. 9999#77phonenumber#77phonenumber#77phonenumber#77phonenumber#	N/A	Original
9999#77*#	Delete all status report phone numbers.	N/A	Original
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) (Modem will reboot when set to NTP server method).	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 (Modem will reboot, followed by an SMS denoting the new date and time after boot up).	N/A	Original
9999#96X#	Adjust timestamp manually to account for local time differences (SMS method only). (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#) X = -24 to 24 (SMS reply will denote updated date and time).	0	Original
Network Settings			
9999#01X#	Toggle Cloud mode on/off. X = 0 or 1 (0 = Off, 1 = On)	0	Original
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
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); X = 2 2G/3G Off (4G only).	1	Original

SMS String	Description	Default	Firmware Version
Miscellaneous			
9999#27X#	Events Log Customise X = 5-50 (e.g. 9999#2710# for 10 events in reply message).	20	Original
9999#28X#	Change SMS type. X = 1 or 2 (1 = IMS; 2 = NAS)	1	Original
Low Battery Notification (e-Loop)			
9999#91phonenumber#	Store up to four phone numbers to receive a low battery notification message. Max 4 per message e.g. 9999#91phonenumber#91phonenumber#91phonenumber#91phonenumber#	N/A	Original
9999#91*#	Delete all low battery notification phone numbers.	N/A	Original
9999#92text#	Program message the notified number(s) will receive. Text = text to send to the receiving phone (e.g. "Battery Low")	N/A	Original
9999#93X#	Enable low battery notification to be sent. X = 0 or 1 (0 = Disable, 1 = Enable)	N/A	Original
Suspend/Suspend 1 (e-Loop ONLY or e-Loop AND remote are locked out, outside of set times)			
9999#94#X#	X = 0 (OFF) X = 1 or 2 (1 = Suspend, 2 = Suspend1) Suspend mode means that the e-Loop ONLY is locked out, outside of the programmed times. Suspend 1 mode means that the e-Loop and Remote are locked out, outside of the programmed times.	0	Original
9999#94#Day,Day,Day#Time1,Time2#	Enter all active days during which e-Loop should operate. (Triggers R1 by default) 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#94#*#	Delete all Suspend times.	N/A	Original
Code (e-Loop)			
9999#95X#	Enable Program Mode (set the daughter board to program mode). X = 0 or 1 (0 = Delete Pair, 1 = Enable)	0	Original
Information			
*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, IMEI number and APN.	N/A	Original
*21#	Check stored numbers. I = dial in number. E = end of message.	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). CID = caller ID used; AUTO = automatic relay time; SMS = relay operated via SMS; PTE = Push-To-Exit used; REBOOT-SMS = modem reboot via SMS; REBOOT-PWR = power reboot; LOOP = e-LOOP used; REMOTE = E-Remote used. R1-2 = relay 1-2 triggered. F1 = Trigger; F2 = Latch; F3 = Unlatch.	N/A	Original
*24#	Check Automatic Relay Times.	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
*28#	Check Status Report Number(s).	N/A	Original
*40#	Check Push To Exit Time Limits	N/A	Original
*41#	Check Low Battery Notification Number(s).	N/A	Original
*42#	Check Suspend Times	N/A	Original
*97#	Check MBN list.	N/A	Original
*98#	Check NTP server and Google ping status.	N/A	Original
Restore Defaults			
9999#999#	Send with passcode string to clear all programming.	N/A	Original
Hard Reset PCB if programming passcode is forgotten: Power on the Igate and press and hold the white microswitch (located beside the USB-C port) until the green and blue LEDs flash together 4 times. There is a 10 second setting mode for this during which the green and blue LEDs will flash together. N.B. All stored information will be deleted after this process!		N/A	Original