ICOM2 SMS PROGRAMMING CODES FOR V1.20 and UP SOFTWARE

DEFAULT ADMINISTRATOR PASSWORD =	123456
DEFAULT OPERATOR PIN =	999999
MAX TEL NUMBER LENGTH =	16 DIGITS (use international format e.g. +27831234567)

NOTE THAT ALL COMMANDS END WITH A ; (semicolon)

GEN CONFIGURATION & SETUP COMMANDS	FUNCTION CODE		EXAMPLE		COMMENTS
CHANGE 6 CHAR ADMIN PASSWORD	A1A	or CPWORD	123456,CPWORD,123ABC;		
CHANGE 6 DIGIT OPERATOR PIN	A1P	or COPIN	123456,COPIN,555888;		
CHANGE DEVICE NAME	D1A	or DEVNAME	123456,DEVNAME,Home front Gate;	(max 20 chars)	The name should describe the location or equipment controlled
CHANGE DEVICE NUMBER	D2A	or DEVNUM	123456,devnum,+27831234567;		The telephone number of the Gcom520 GSM Controller
ADD A BUTTON 1 or 2 CALL NUMBER	ADDCALL		123456,ADDCALL1A,+27831234567;		For button 1, A = main number (also SMS alarm recipient 1)
			123456,addcall1b,+27831234567;		For button 1, B = secondary number (dialled if main number fails to connect)
DELETE A BUTTON 1 or 2 CALL NUMBER	DELCALL		123456,DELCALL1A;		Delete button 1 main number
			123456,delcall1b;		Delete button 1 secondary number
INTERCOM SPEAKER LEVEL	VOLUME		123456,VOLUME,50;		Set speaker volume at 50% (range 10 to 100)
ADD A GATE ACCESS NUMBER	F2A	or ADDNUM	123456,ADDNUM,+27831234567,07:00,16:00,1000100,P;		for limited pedestrian access between from-time and to-time on Mondays & Fridays only
		or	123456,ADDNUM,+27831234567,07:00,16:00,0000010,V;		for limited vehicle access between from-time and to-time on Saturdays only
		or	123456,ADDNUM,+27831234567,07:00,16:00;		for limited vehicle access between from-time and to-time all days of the week
		or	123456,ADDNUM,+27831234567;		for unlimited access
DELETE A GATE ACCESS NUMBER	F2D	or DELNUM	123456,DELNUM,+27831234567;		Removes an Access number from the Gcom520 memory
SET ACCESS SECURITY MODE ON	F3E	or SECURITY ON	123456,SECURITY ON;	(default on)	Access is granted only if the callers number has been registered in the Gcom
SET ACCESS SECURITY MODE OFF	F3D	or SECURITY OFF	123456,SECURITY OFF;		Access is granted from any missed call
ENABLE DAILY STATUS REPORTING	F4E	or STATUS ON	123456,STATUS ON;	(default off)	Status report sent to recipients depending on ** setup
DISABLE DAILY STATUS REPORTING	F4D	or STATUS OFF	123456,STATUS OFF;		Status reports are not sent automatically (available on request only)
STATUS REPORT TIME	F4T	or STAT TIME	123456,STAT TIME,12:00;		Daily status reporting time
REQUEST A STATUS REPORT NOW	F4S	or STATUS	123456,STATUS;		Sends a single status report to the caller
REQUEST A CONFIGURATION REPORT NOW	F4C	or CONFIG	123456,CONFIG;		Sends a single configuration report to the caller
ENABLE POWERUP REPORTING	F5E	or POWERUP ON	123456,POWERUP ON;	(default off)	Sends a powerup status report to recipient 1 (useful for debugging supply problems)
DISABLE POWERUP REPORTING	F5D	or POWERUP OFF	123456,POWERUP OFF;		Disables powerup reporting
GEN SMS NOTIFICATIONS TO ALL RECIPIENTS	F5A	or SMSALL ON	123456,SMSALL ON;	(default off)	Gen SMS warnings and notifications sent to all recipients
GEN SMS NOTIFICATIONS TO RECIP1 ONLY	F5S	or SMSALL OFF	123456,SMSALL OFF;		Gen SMS warnings and notifications sent to recipient1 only (alarms sent to all recipients)
MANUALLY SET THE INTERNAL CLOCK	TIME		123456,TIME;		Manually set the Gcom time and date (only required if there is a GPRS time server problem)
MANUALLY REQUEST REMAINING AIRTIME	AIRTIME		123456,AIRTIME;		Requests remaining airtime value
RESET THE GCOM TO FACTORY DEFAULT	DEFAULT		123456,DEFAULT;		Sets all parameters to default values and erases all recipient and access numbers
SET RELAY CONTROL TO MISSED CALL	F7P	or RELAY MCALL	123456,RELAY MCALL;	(default on)	Set missed call mode. Relay control by missed calls only (impulse mode or access control)
SET RELAY CONTROL TO SMS MODE	F7L	or RELAY SMS	123456,RELAY SMS;		Set SMS control mode. Relays controlled by SMS commands (incoming calls ignored)
CELLULAR LOCATION SERVICE	LOCATE		123456,LOCATE;		Service to estimate the position on the basis of surrounding mobile network information
MANUAL LOG REPORT REQUEST	LOG REPORT		123456,LOG REPORT;		Manually triggers a log report email (only if logging was previously enabled from website)
SET TIME ZONE FOR AUTO TIME SERVER	TIME ZONE		123456,TIME ZONE, +08	(-48 to +48)	Time zone is GMT offset in 15 minute increments e.g. +08 = South Africa, -24 = USA CST
DISABLE INTERNET CONNECTIVITY	INTERNET OFF		123456,internet off;		If you don't have a data enabled SIM or are not using the "*MY GCOM*" portal
ENABLE INTERNET CONNECTIVITY	INTERNET ON		123456,internet on;	(default on)	If you want to use the "*MY GCOM*" portal and time synchronizing service

CHANGE YOUR INTERNET APN	SET APN	123456,set apn,internet,uname,pword,airtimeUSSD;		For overriding the built-in internet connection settings (useful for non Africa countries)
		or 123456,set apn,,,,;		To clear custom APN setting and use default internet connection settings

ALARM CONFIGURATION & SETUP PARAMETERS

INPUT1 ALARM DELAY	DELAY1	123456,DELAY1,5;	(1-999 max)	This is the time that the input1 signal must be ON before the alarm sms is triggered
CUSTOM INPUT1 ALARM MESSAGE	ALARM1	123456,ALARM1,Gate Tamper Alarm has been triggered;		This sms message is appended to the device name for identification (max 50 chars)[3]

MISSED CALL MODE - RELAY / GATE CONTROL COMMANDS

CHANGE MISSED CALL RELAY1 PULSE TIME	TRIGTIME1	123456,TRIGTIME1,5;	(1-99 max)	Missed call mode relay1 pulse / trigger time (default is 1 second)
AUTO CLOSE OVERRIDE - GATE OPEN	OPEN	123456,OPEN;		In gate motor controller mode, relay1 will be held on to keep the gate open
AUTO CLOSE OVERRIDE - GATE CLOSE	CLOSE	123456,CLOSE;		Used to cancel auto close override
SET MISSED CALL ACCESS LOCKOUT	LOCK	123456,LOCK;		Mainly for factories - temporary missed call access lockout (active until cancelled)
RESET MISSED CALL ACCESS LOCKOUT	UNLOCK	123456,UNLOCK;		Removes the previously set lockout

SMS MODE - OPERATOR COMMANDS

SWITCH RELAY1 ON	RELAY1 ON	999999,RELAY1 ON;		(can use Operator PIN or Admin Password)
	PUMP ON	or 999999.PUMP ON;		If an alternate Relay1 name has been programmed with the "*MY GCOM MANAGER*"
SWITCH RELAY1 OFF	RELAY1 OFF	999999,RELAY1 OFF;		
	PUMP OFF	or 123456,PUMP OFF;		If an alternate Relay1 name has been programmed with the "*MY GCOM MANAGER*"
PULSE RELAY1	RELAY1 PULSE	999999,RELAY1 PULSE,5;	(1-99 max)	Relay1 single pulse on time in seconds

NOTES:

1/ Operator commands can use the Admin Password or Operator pin. The Operator pin number cannot be used for Configuration Commands.

2/ The 6 character password is case sensitive. All other text is not case sensitive.

3/ When SMS programming the customised input 1 or 2 alarm message as a relay command to another GCOM520 device then you must terminate the line with a comma and a semicolon e.g. 123456,ALARM1,123456,RELAY1 ON,;

4/ See the "*MY GCOM MANAGER*" portal at www.gcom500.co.za for convenient device setup and management.