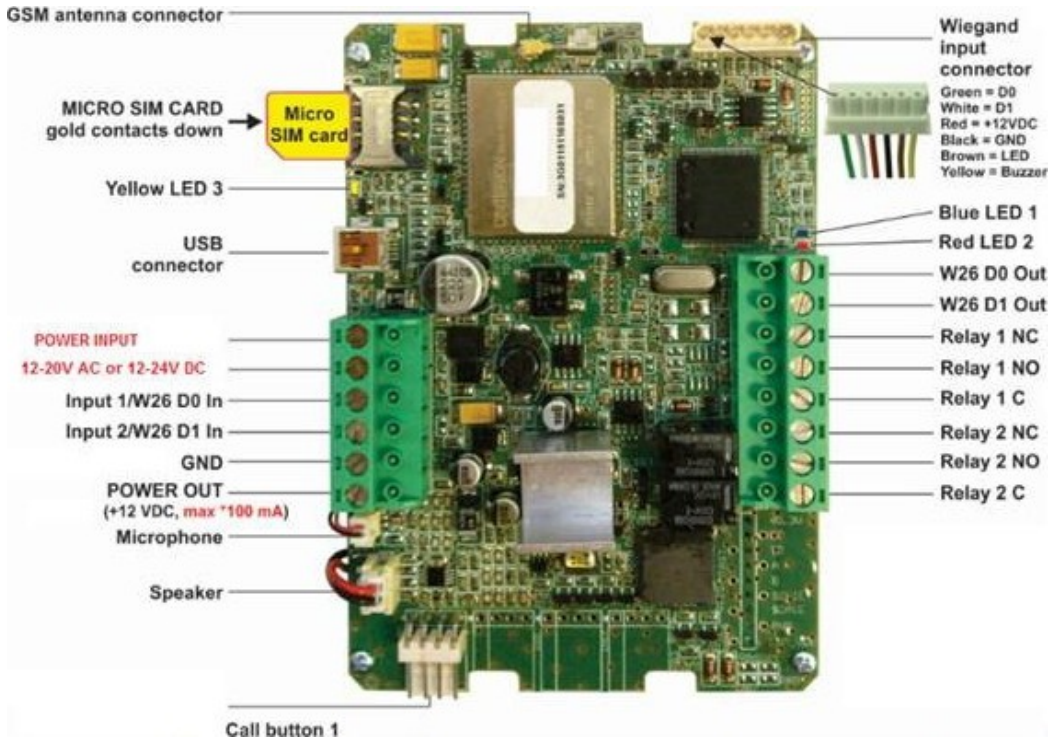


M21SAGSMI / M21SAGSMIK Quick User Guide

1. Insert the micro SIM card as detailed below (please erase PIN code from micro SIM card).
2. Power the intercom as detailed below.



Fitting the Micro SIM Card:

Insert the micro SIM card gold contacts down with the cut out pointing in the direction shown in the illustration above.

Status Information:

| | |
|-----------------------|---|
| Blue LED - LED 1 | 1 flash = poor signal / 2-5 flashes = good signal |
| Red LED Error - LED 2 | Problem with GSM network |
| Yellow LED - LED 3 | Short pulse on , long pulse off - when connected with GSM network |

System Startup:

1. Power up the GSM intercom
2. The unit will beep every 10 seconds while searching for the network
3. When it connects you will hear 3 fast beeps
4. Program the unit as follows:

Note: Entering a "+" at the start of the SMS command will force the GSM intercom to send back a confirmation message.

To program the number the intercom will call, send the following SMS:

;+ATN1=XXXXXXXX**;** (where XXXXXXXXXX = the phone number to be called)

For example, to program the GSM intercom to call (01) 1234567, **;**+ATN1=011234567**;** should be sent.

To program multiple numbers for the intercom to call, send the following SMS:

;+ATN1=XXXXXXXX;ATN2=XXXXXXXX;ATN3=XXXXXXXX**;**..... (up to 5 phone numbers max where XXXXXXXXXX = phone number)

To read the numbers already programmed into the intercom, send the following SMS:

;PDEA**;**

To delete a number, send the following SMS:

;ATN3**;** (this example will delete number 3)

Press the CALL button to test the system. When the call is answered, the operator can:

- Open output 1 (usually the gate/door) by pressing 11 on their phone
- Open output 2 by pressing 21 on their phone

Optional Programming:

To mute the ringtone on the GSM intercom when the CALL button is pressed, send the following SMS:

;MUT=1**;**

To hide the number of the SmartAccess GSM Intercom when calling (block caller ID), send the following SMS:

;+HTN=0**;**

To set the delay time (time in seconds before calling next number), send the following SMS:

;+RTNA=XX**;** (where XX = the number of seconds to delay)

To set the time that the call stays connected when a call is answered (to avoid, for example, a long call if the GSM intercom gets through to a voicemail service), send the following SMS:

;LOT=XX**;** (where XX = the time in seconds)

To change the speaker volume level (Default=10, Min=1 / Max=20), send the following SMS:

;+SPK=XX**;** (where XX = the level of speaker volume)

To change microphone level (Default=15, Min=1 / Max=40), send the following SMS:

;+MIC=XX**;** (where XX = the microphone level)

To enable CLIP (Caller ID) for remote output control (this allows only pre-programmed numbers permission to activate outputs), send the following SMS:

;CLPEN=1**;**

To allow any number permission to activate outputs, send the following SMS:

;CLPEN=2**;**

To set CLIP (Caller ID) numbers to trigger output 1, send the following SMS:
;CLP1=XXXXXXXXX;CLP2=XXXXXXXXX**;.....** (up to 100 phone numbers max where XXXXXXXXXX = phone number)

Please note that this call will not be charged as the GSM intercom will not answer the call.

To delete a CLIP number, send the following SMS:
;CLIP2=****; (this example will delete CLIP number 2)

To read all the CLIP numbers already programmed into the intercom, send the following SMS:
;PCLP****;

To set the output switching configuration, send the following SMS:
;OSX=Y****; (where X = the output number (1 or 2) and Y = number of seconds to pulse output (2-99). When Y=1, the output will latch).
For example, to pulse output 1 for 3 seconds, send **;**OS1=3****;
For example, to set latching on/off on output 2, send **;**OS2=1****;

To control the outputs by SMS, send the following SMS messages:
;ORC1=1****; (output 1 on)
;ORC1=0****; (output 1 off, if set to latching)
;ORC2=1****; (output 2 on)
;ORC2=0****; (output 2 off, if set to latching)

To program alarm input 1 as a press to exit button, send the following SMS:
;OD1=1****;

You can now connect a push to exit button between **Alarm 1** and **GND**.

To check GSM signal, send the following SMS:
;PSQ****;

At default, any number can configure the GSM intercom by sending it SMS messages. To program an administrator phone number(s), send the following SMS:
;TN1=XXXXXXXXX; TN2=XXXXXXXXX**;.....**(up to 5 phone numbers max where XXXXXXXXXX = phone number)

To read all the administrator numbers already programmed into the intercom, send the following SMS:
;PTN****;

If desired, the GSM intercom can reject SMS messages from certain administrator numbers as follows:

;SL=0****; (SMS messages are accepted from all administrator numbers - default setting)
;SL=1****; (TN1 SMS messages are accepted)
;SL=2****; (TN1 and TN2 SMS messages are accepted)
;SL=3****; (TN1, TN2 and TN3 SMS messages are accepted)
;SL=4****; (TN1, TN2, TN3 and TN4 SMS messages are accepted)
;SL=5****; (TN1, TN2, TN3, TN4 and TN5 SMS messages are accepted)

To set up a test message, send the following SMS:
;TST=XX;LN5=YYYYY****; (where XX is the frequency of messages in hours (1-240) and YYYYY is the administrator numbers you wish to send the test message to)
For example, sending **;**TST=24;LN5=135****; will instruct the GSM intercom to send a test message every 24 hours to administrators TN1, TN3 and TN5.

To set the time for the first test message to be sent, send the following SMS:
;TSTT=XX****; (where XX is the hour at which the test message will send.)
For example, sending **;**TSTT=20****; will send the first test message at 20:00hrs (8p.m.)

Time Zones:

Time zones can be used to send calls to different numbers at different times of the day. To configure a time zone for the call button:

1. Set the time on the GSM intercom by sending the following SMS: **;+UDC=XXXXXXXX;** (where XXXXXXXXX = GSM intercom SIM card phone number)
2. Repower the GSM intercom so the unit can get the correct time from the network.
3. To set the start time, send the following SMS: **;TZSA=X;** (where X is the hour at which the time zone begins)
4. To set the end time, send the following SMS: **;TZEAX=X;** (where X is the hour at which the time zone ends)

For example, sending ;TZSA=9; and ;TZEAX=18; will set the time zone between 9:00 hrs and 18:00 hrs. During these hours, the call button will call users 1-4 (ATN1,ATN2,ATN3,ATN4) After 18:00 hrs, the call button will call user 5 (ATN5)

Restarting / Defaulting The System:

To restart the GSM intercom (this command will not clear settings), send the following SMS:
;MRES;

To default the GSM intercom (this command will clear all settings), send the following SMS:
;+SDCLR;

Setup Of PIN Codes on M21SAGSMIK (PIN1 to PIN20):

It is possible to setup 20 PIN codes on the M21SAGSMIK. PIN1 to PIN10 relate to output relay 1. PIN 11 to PIN20 relate to output relay 2.

To setup the 4 digit PIN access codes, send the following SMS:
;PIN1=XXXX;PIN2=XXXX;.....;PIN20=XXXX; (where XXXX=PIN code, first digit ≥ 1)

To delete PIN access codes, send the following SMS:
;PIN1=;PIN2=;PIN3=;PIN4=;PIN5=;.....;PIN20=;

To read all the current PIN access codes, send the following SMS: **;PPIN;**

Using The Keypad For Activating The Outputs:

Type PIN access code on the keypad and press “#” to confirm:

For example, 1234# (1 long beep = PIN correct, 3 short beeps = PIN incorrect)