

WT-9002 IP65

GSM Intercom And Access Control System

Setting Instructions For
Access Control System



WITURA

WITURA CORPORATION SDN BHD

WT-9002 IP65 Setting Instruction (Access Control System)

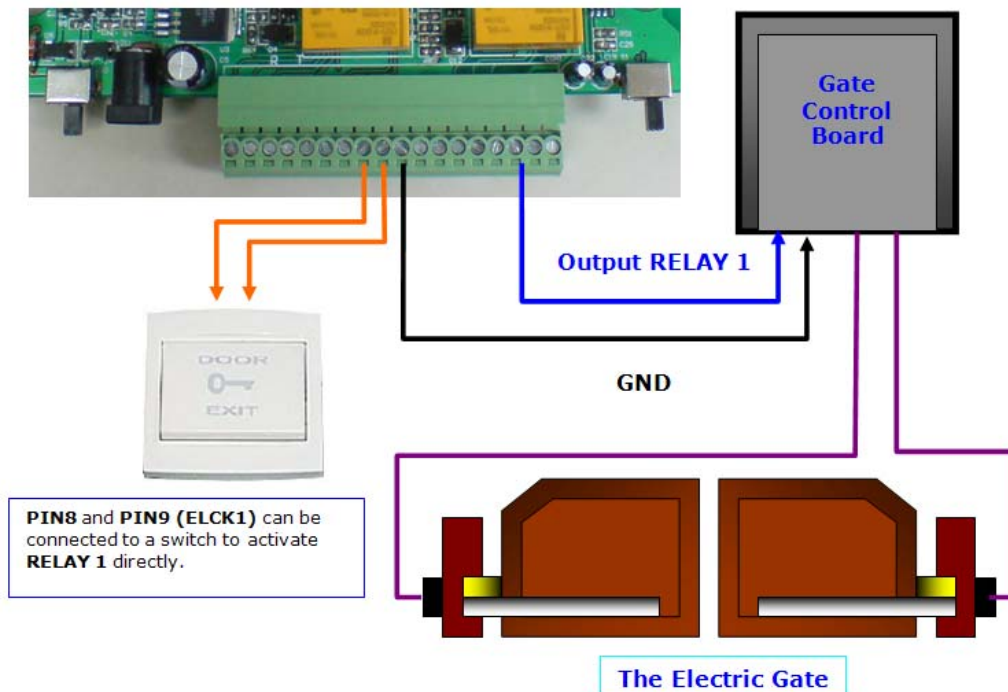
- 1) Screw off the front case of WT-9002 IP65 Main Unit



- 2) Installing The Components: Antenna, LCD, Power Supply & SIM Card



3) WT-9002 Connection To Gate / Door



4) System Start Up

Once the WT-9002 unit is turned on, you shall be able to see the system start up on the LCD screen as shown below...

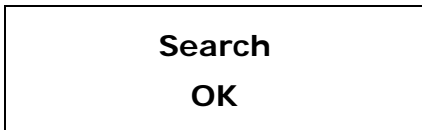
Settings: >>>>

The system is searching for network...

**Search
Wait...**

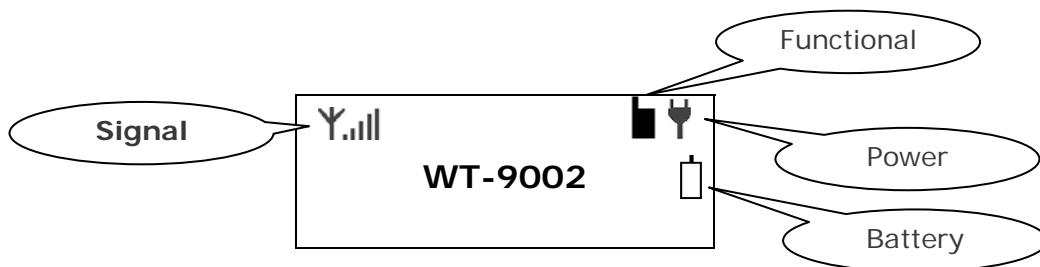


Once the network is found, it will display **OK**



Attention: If the system doesn't show **OK** when searching the network, it could be the SIM card not properly installed. Turn off the unit and check the SIM card, when it is properly seated in place then reboot the system.

When the system is ready to use it will show



5) Programming the Administrator Number

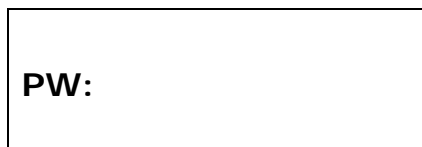
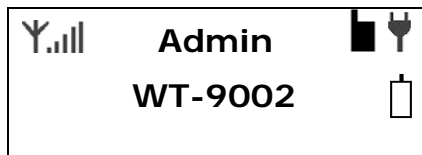
The administrator numbers can be programmed via phone call or sending SMS command to the unit.

Programming via phone call

Call the number on the WT-9002 unit.

Once the call has connected... (With a short beep)

When the system receives a phone call, it will display "**Admin**" on the top and will prompt you to enter password as shown below.



Input a 6 digits password: **123456** ended with #

If the password has entered correctly, you will hear a short beep and the system will shows...

MENU

If the password has not entered correctly you will hear 3 beeps and you can re-enter again.

After access to the MENU, you can press ***3#** to begin programming Administrator number. You will see the system displays

TEL: 1#, 2#, 3#

Continue press **1#** to add the first administrator number

TEL:
1#

Enter a phone number to be administrator and end with #

TEL: 1234567890
1#

TEL: OK



MENU

Now you can proceed with ***3#** again to add the second administrator number or disconnect the call.

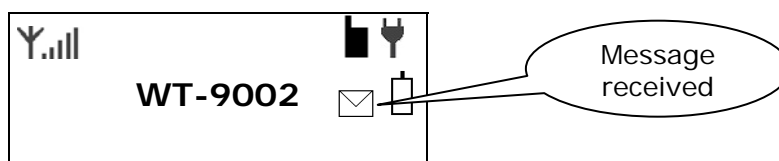
Programming via SMS

You may also send a text command via SMS to program the administrator number.

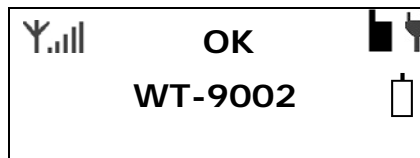
***TEL1#XXXXXXXXXX**

XXXXXXXXXX stands for the phone number you want to program as administrator.

When the WT-9002 unit received the message, the LCD will display...



After the SMS command has been processed, the message icon will disappear and the system will show "OK" to indicate the setting has changed.

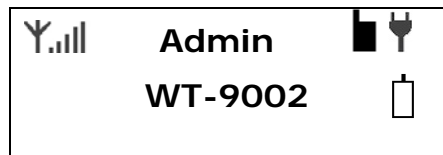


And then the WT-9002 unit will reply a message back to you that the administrator number has been added.

6) Opening the Door / Gates Via Phone Call (Admin)

The administrator can call to the WT-9002 main unit to open the door or gate.

When the call is connected...



PW:

It will prompt the administrator to enter a 6 digits password: **123456** ended with #

PW: * * * * *

MENU

The administrator can now open the door/gates by pressing ***0#** or ***1#**

ELCK1

ELCK2

7) Opening the Door / Gates Via SMS (Admin)

The administrator can open the door/gates by sending a text command via SMS to the unit.

- 1) ***ECL1#** - latch Relay 1
- 2) ***ECL2#** - latch Relay 2

The WT-9002 unit will return a message that the relay has turned on.

8) Latches the Door/Gates to Stay ON Via SMS (Admin)

The administrator can latch the door/gates to stay on by sending a text command via SMS to the unit.

- 1) ***FRL1#1** – latch Relay 1 to stay ON
- 2) ***FRL2#1** – latch Relay 2 to stay ON

The WT-9002 unit will return a message that the relay has stayed ON

To turn off the relay, the administrator can send the following message...

- 1) ***FRL1#0** – Switch OFF Relay 1
- 2) ***FRL2#0** – Switch OFF Relay 2

The WT-9002 unit will return a message that the relay has switched OFF

9) Changing the Default Latching Time of Relays Via SMS (Admin)

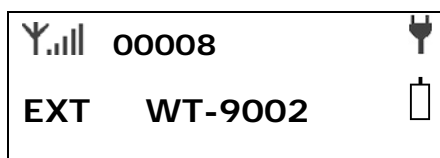
The default latching time of both relays can be change up to the maximum of 65,535 seconds

- 1) ***EXT1#XXXXX** – Extend the latching time for Relay 1
- 2) ***EXT2#XXXXX** – Extend the latching time for Relay 2

XXXXX is a 5 digits value in seconds

Attention: It will latched for a period of time that it is setup every time when it is activated via phone call (***0#** or ***1#**) or SMS command (***ECL1#** or ***ECL2#**)

Example: When relay 1 latches, the counter will be displayed on the LCD screen.



10) Programming the Guest List

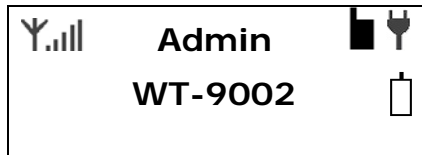
The Guest list can be program via phone call or sending SMS command to the unit. This function allows any number up to 1000 users to be added to a guest list and this can be done via phone call or SMS.

Programming the Guest List via voice

Call the number on the WT-9002 unit

Once the call has connected... (With a short beep)

When the system receives a phone call, it will display "**Admin**" on the top and will prompt you to enter password as shown below.



Input a 6 digits password: **123456** ended with #

If the password has entered correctly, you will hear a short beep and the system will shows...



If the password has not entered correctly you will hear 3 beeps and you can re-enter again.

After access to the MENU, you can press ***5#** to begin programming Guest number. You will see the system displays



Explanation of how it works:

In WT-9002 memory, there are total of 10 lists with list number **0 – 9**. The list number also represents the last digit of a phone number and each list can store up to **100** phone numbers. If the guest number is **222222226**, it will automatically store the number into list number **6**. If the last digit of the guest number is **8**, then it will be stored in list **8**.

Example:

To program **222222226** into the list:

Press ***5#** (A short beep ~ success)

Then you can input the phone number **222222226#** (A short beep ~ success)

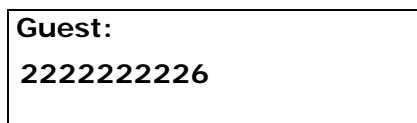
And **222222226** is programmed into list 6

Note:

In the display screen of the unit, you should see as below.



Continue input the guest number 222222226 and ended with #



And **222222226** is programmed into list 6

Programming the Guest List via SMS

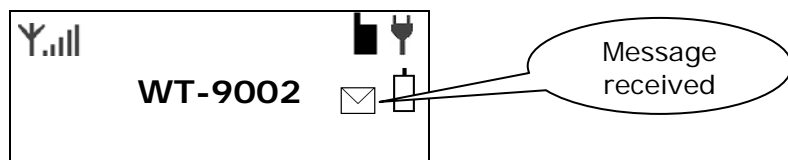
You may also send a text command via SMS to program the guest list.

***BOOK#XXXXXXXXXX**

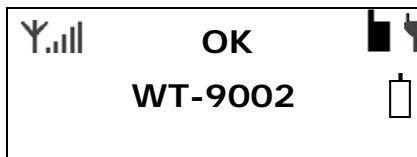
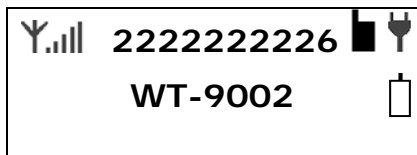
XXXXXXXXXX stands for the phone number of Guest.

Example: Sending SMS command as ***BOOK#222222226** to the WT-9002 unit

When the WT-9002 unit received the message, the LCD will display...



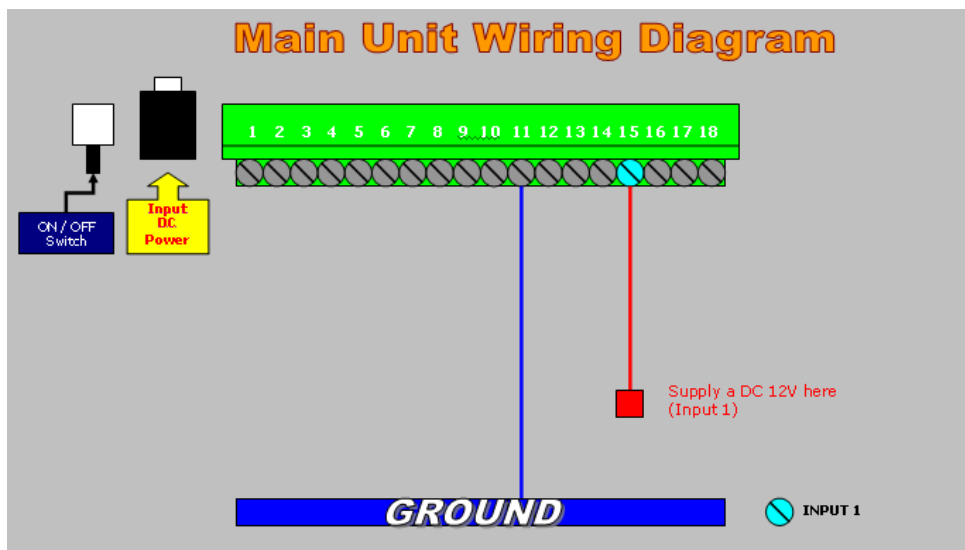
After the SMS command has been processed, the message icon will disappear and the phone number will appear on the screen as shown below...



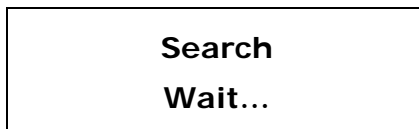
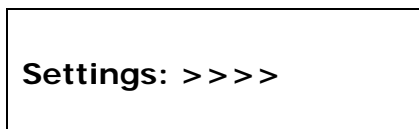
The system will show "OK" indicate the phone number has programmed successfully and also return a SMS.

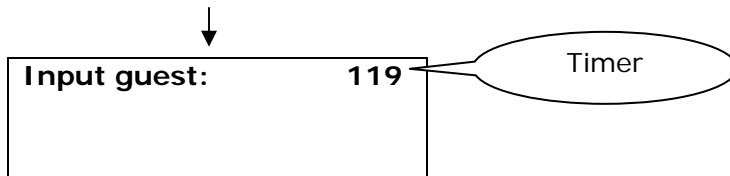
Programming the Guest List via Learning Mode

It is possible to program the 1000 phone numbers into the Guest List via Learning Mode. To do this, you must first supply a 12VDC at Input 1 and turn on the unit as shown below.

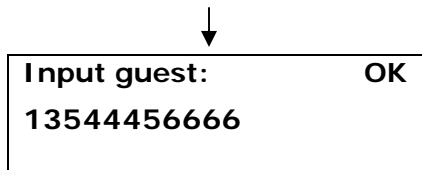
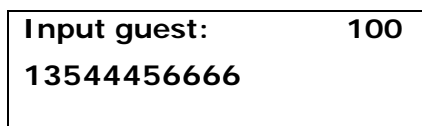


Once turn on the WT-9002 IP65, you shall see the following



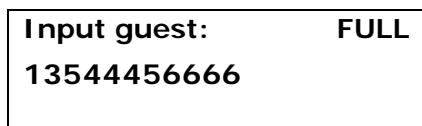


Now the system is in learning mode. To program a phone number into the list, simply call the WT-9002 unit. When the WT-9002 received the incoming call, it will read the incoming caller ID and automatically program that number into the list. While in learning mode, you have 120 seconds to program a number. Every time the number is read and programmed, the timer will be reset. If there is no programming activity within 120 seconds, the WT-9002 will skip learning mode and proceed to standby mode.



The number has programmed successfully.

Note: If one of the list for example list 1 is full, the new incoming number with last digit number 1 will not program into the list and shall display as the following.



11) Remove Guest Number from the list

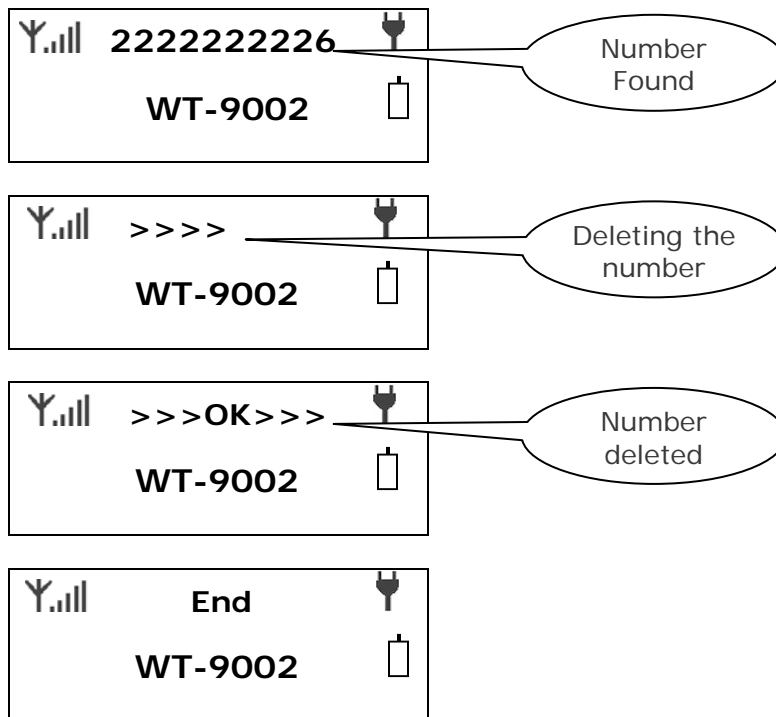
Anytime if you want to remove the number from the list you can send a text command via SMS to the unit.

***DEL>#XXXXXXXXXX**

XXXXXXXXXX stands for the phone number to be erased

Example: To remove phone number: **222222226**

Simply sends a SMS Command ***DEL>#222222226** to the unit and it will search for number (222222226) in the list and delete it.



To delete all numbers in the Guest List you would send the following SMS to the unit.

Simply sends a SMS Command ***DELB#** to the unit and it will delete all programmed phone numbers in the list.

Returned Message:

Del-Book

To permanently delete all numbers in the Guest List you would send the following SMS to the unit.

Simply sends a SMS Command ***DARE#1** to the unit and it will permanently delete all programmed phone numbers in the list.

Returned Message:

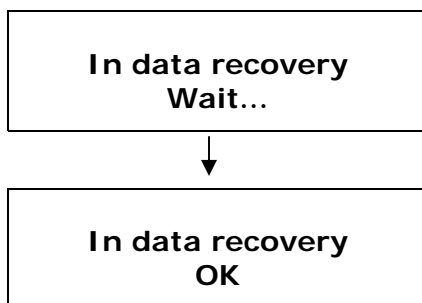
Delete-OK

Warning: If all the numbers have been permanently deleted, it cannot be recovered.

12) Restore Deleted Guest Number

It is possible to restore the deleted phone numbers of Guest List and this can be done by sending the following SMS to the unit.

Simply sends a SMS Command ***DARE#0** to the unit and it will restore the deleted phone numbers. In the display screen of the unit, you should see as below.



Returned Message:

Recovery-OK

Note: Phone numbers can be recovered with certain condition which is the number has been deleted with command ***DEL>#** or ***DELB#** only. Certain phone number in the list cannot be recovered with ***DARE#0** if some new numbers were programmed after issuing command ***DEL>#** or ***DELB#**. All phone numbers cannot be recovered if were permanently deleted with command ***DARE#1**.

13) Changing the Administrator Password

The system only allows the 3 administrator numbers as authorized user to change the 6 digits password.

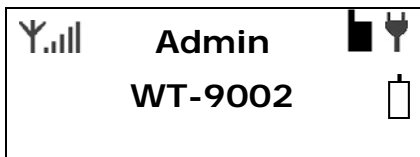
Note: It is advised that the owner should change the password once the system is setup to avoid any unauthorized access to the system.

Programming via phone call

Call the number on the WT-9002 unit

Once the call has connected... (With a short beep)

When the system receives a phone call, it will display "Admin" on the top and will prompt you to enter password as shown below.



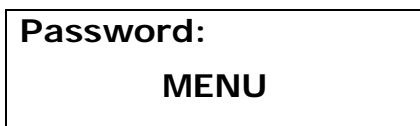
Input a 6 digits password: **123456** ended with #

If the password has entered correctly, you will hear a short beep and the system will shows...



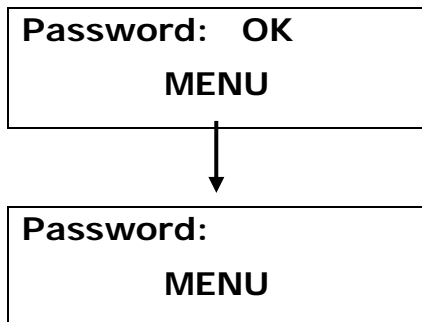
If the password has not entered correctly you will hear 3 beeps and you can re-enter again.

After access to the MENU, you can press ***2#** to change password. You will see the system displays

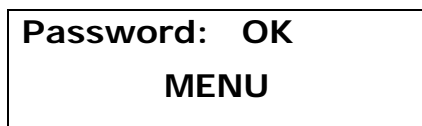


Enter the current 6 digits password: **123456** ended with #





Now enter the new 6 digits password ended with # for twice. And the password is changed.



Programming via SMS

You may also send a text command via SMS to change the password.

***PAWO#XXXXXX**

XXXXXX stands for 6 digits password

14) Access Control for Administrator and User

Note: It is advised that the owner should set the system to allow programming access for administrators only after programmed the Administrator numbers.

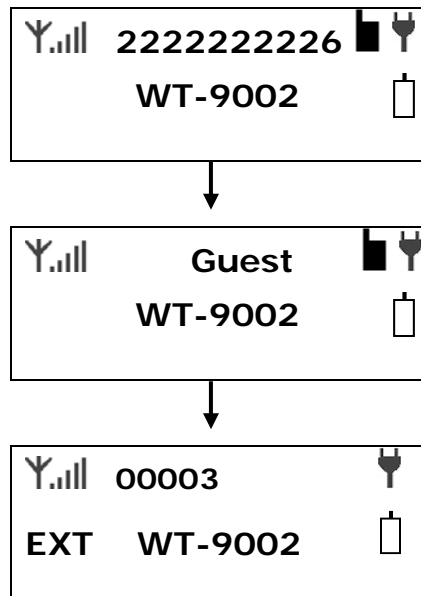
Sending SMS Command: ***ANY?#1**

The system will allow only the administrators to gain access to the system and the authorized users in this case will not allow accessing the system but will activate **Relay 1** directly.

To allow any person gain access to the system just send SMS Command: ***ANY?#0**

Once the command ***ANY?#1** has programmed into the system, every time when the authorized users dial the system it will recognize them as **Guest** and will activate **Relay 1** directly as shown.

When the WT-9002 unit received the call...



Sending SMS Command ***TEL?#1 (Optional)**

The system will **Not** receive phone call from both administrators and users but will activate **Relay 1** immediately.

For more details on other functions please refer to the user manual