Other products from GSD

GSD
global security devices
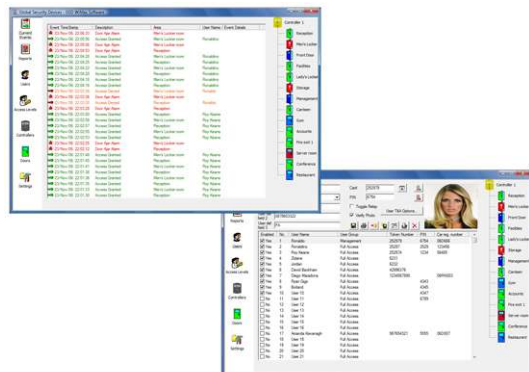
"Wireless Network System"

GSD Wi-Enterprise/Wi-Plus System is the next generation in access control solutions. It provides a Wireless Network throughout the premises, giving the convenience and security of a fully networked system for a fraction of the cost.

For more information on the Wireless Network System visit our website www.globalsecurity.ie

GSD
global security devices

Contents

GSD Finger Print Switch

No.1 Turnpike Business Park,
Ballymount,
Dublin 22, Ireland.
Telephone: +353 1 524 2691
Fax: +353 1 4430 430.

Operation Instruction:

Place Finger on Senor Window

User Administrator

User Location	User Name	Finger Reference
11		
12		
13		
14		
15		
16		
21		
22		
23		
24		
25		
26		
31		
32		
33		
34		
35		
41		
42		
43		
44		
45		
46		

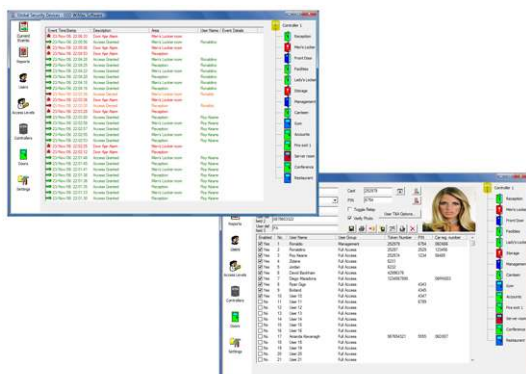| User Location	User Name	Finger Reference
51		
52		
53		
54		
55		
56		
61		
62		
63		
64		
65		
66		

Note: Users are enrolled to the User Locations defined in the table above only.

Other products from GSD

"Wireless Network System"

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global security devices

GSD Finger Print Switch

Installation & User Manual V2.01

Technical Specs

Power Supply	12V DC
Current consumption	70mA
Current consumption with load (max)	100mA
Relay Contact Rating	5 Amps /240V ac
Operating Temperature	- 20°C to +60°C
Moisture Resistance	IP 65
Dimensions - Surface Mount	W. 87mm D. 35mm H. 160mm
Number of Users	35

Features

Controls 1 Door

35 Users

Door Monitoring via Door Contact

Tamper Resistant

Easy Programming

Programmable Settings:

- Programming Code

- Relay Active Time

- Silent or Audible Operation

- Keypad Backlight

- Scan Mode

- Inputs/Outputs Options

Indoor/Outdoor Use - IP 65

Robust Polycarbonate Housing

Mounts onto Standard Electrical Patress Box

Note: Engineering mode status Led indicators.

Amber Led flashing indicates that the unit is in Engineering mode.

Red Led flashing indicates user needs to enter data or present finger.

Present a finger at any stage to exit engineering mode. Otherwise it will time out automatically.

Best Installation Practice

1	Always Default the Door Control to Factory Settings before commencing programming.
2	It is important to ensure that the varistor supplied with the Door Control is fitted across the lock terminals on all installations.

Factory Default PIN codes

The following PIN codes are the Factory Default Settings:

- The Default Engineer code is '6666'

- User PIN '1111'

Note: The User PIN '1111' is deactivated when the first User is added to the keypad.

Restoring Factory Settings

Code	Description
55	Restoring Factory Default Settings

Example: To Restore Factory Default Settings
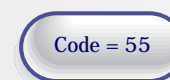
Enter Engineer Code + Code = 55 + Present Finger to Confirm

Note: If programming code is lost, Remove the Security Caps (see page 5) and hold down the 5 key during power-up and enter the default Engineer code '6666' immediately. This will restore the factory settings.

Wiring Diagrams with Interlock Connections

Important:
Always fit the varistor supplied with the unit between the lock terminals as shown
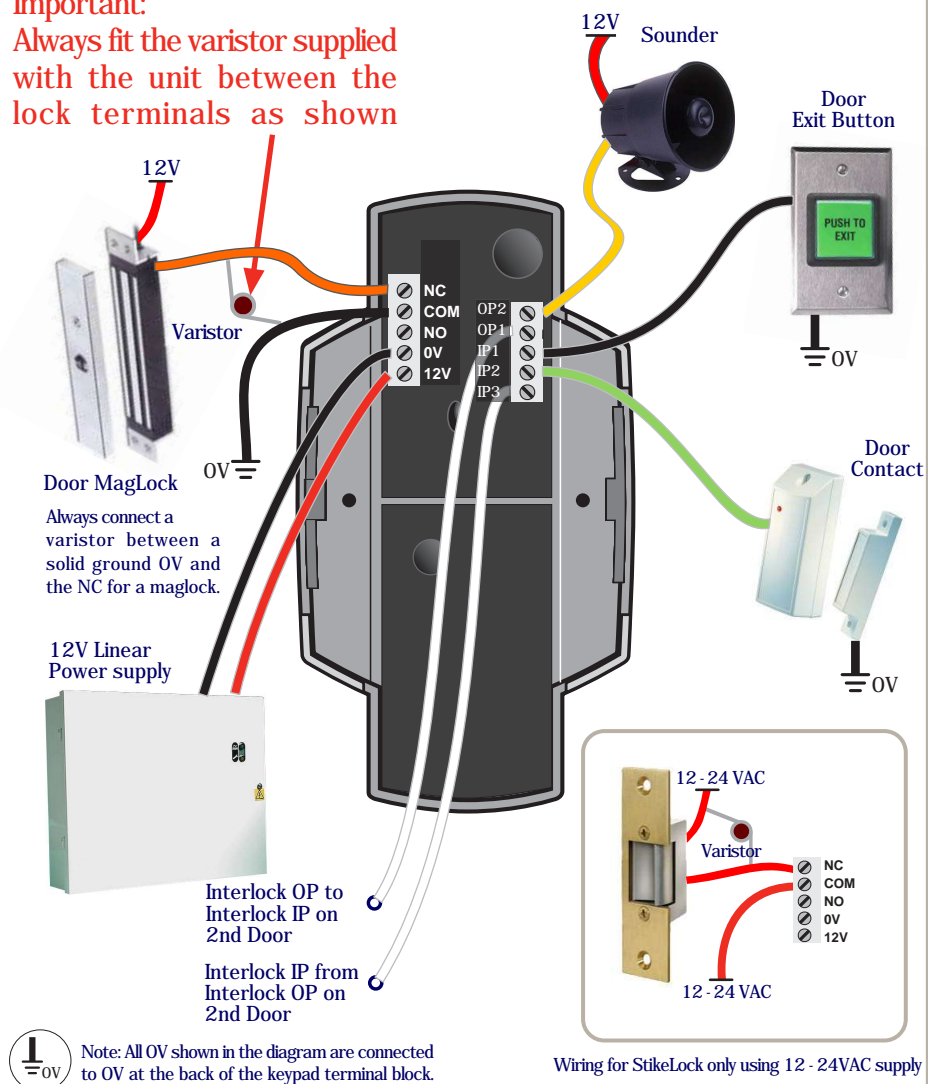
12V   Sounder

12V

Door Exit Button

PUSH TO EXIT

Varistor

NC
COM
NO
0V
12V

OP2
OP1
IP1
IP2
IP3

0V

0V

Door Contact

Door MagLock
Always connect a varistor between a solid ground 0V and the NC for a maglock.

0V

12V Linear Power supply

Interlock OP to Interlock IP on 2nd Door

Interlock IP from Interlock OP on 2nd Door

12 - 24 VAC

Varistor

NC
COM
NO
0V
12V

12 - 24 VAC

Wiring for StikeLock only using 12 - 24VAC supply

Note: All 0V shown in the diagram are connected to 0V at the back of the keypad terminal block.

Table 1

Default	Input 1	Input 2	Input 3	Output 1	Output 2	Wiring Diagrams
Default	Door Exit Button	Door Contact	Interlock I/P	Interlock O/P	Alarm/ Buzzer	Page 5

Flush Mounting

Finger Print Switch is mounted to pattress box using security screws provided. Both Security Caps are then clipped onto Finger Print Switch.
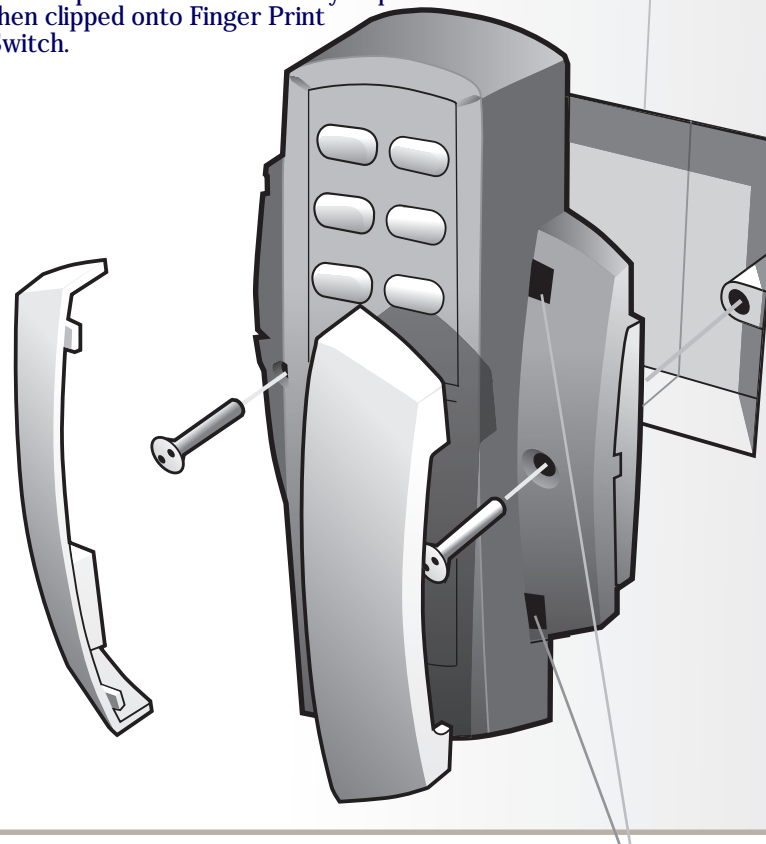
To re-attach Security Caps simply align tabs into holes as shown above and ease the Caps back into place using a flat bladed screwdriver.
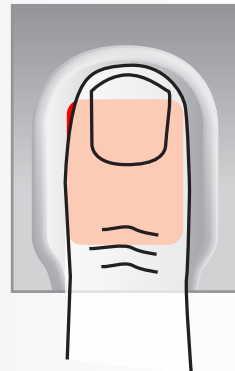
To release Security Caps push a flat bladed screwdriver into slots on the side and pull forward gently.

Correct Finger Placement

Operation Instruction:

Enter User Location xx and Present Finger

Correct

Note: Ensure that the finger is centered and placed flat to the surface and fully covers the sensor window.

Note: Finger must remain on the sensor window until the door control acknowledges that the finger has been scanned by sounding a beep and turning off the red light. This will take approximately 1 second.

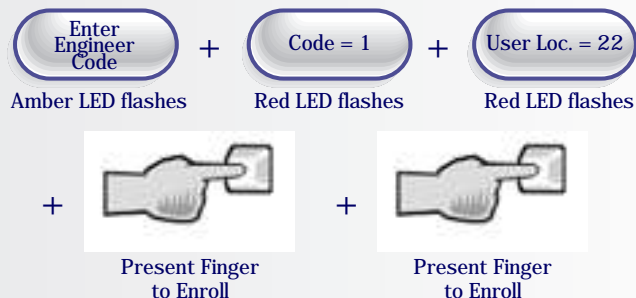## Incorrect Finger Placement
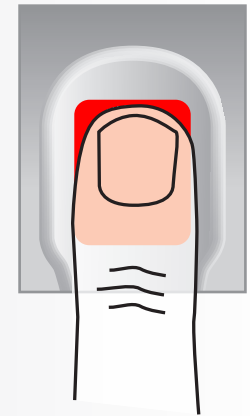
X Incorrect

Note: Incorrect placement : finger does not fully cover the sensor window.
The door control will not respond and the red light will not turn off if the sensor window is not fully covered by the finger.

Enrolling and Removing Users

Code	Description
1	Enrol a User Fingerprint
2	Remove a User Fingerprint

Example: To Enrol a Users Fingerprint in User Location 22

Enter Engineer Code   +   Code = 1   +   User Loc. = 22
Amber LED flashes   Red LED flashes   Red LED flashes

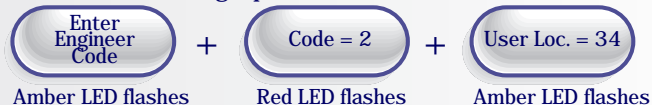+   Present Finger to Enroll   +   Present Finger to Enroll

Note: Refer to pages 6 & 7 for correct/incorrect finger placement.

To enrol a users fingerprint , the users finger must be presented 'twice' to the scansensor window. The scan sensor must get 2 good quality readings to have a successful enrolment.
As per the steps above present the finger to the sensor window until confirmation beep is heard and Red Led turns off momentarily. Remove and re-present the finger for the second time to complete the enrolment. A successful enrolment will be followed by an Access Granted Tone.

Example: To Remove Users Fingerprint from User Location 34

Enter Engineer Code   +   Code = 2   +   User Loc. = 34
Amber LED flashes   Red LED flashes   Amber LED flashes

Changing Relay Time

Code	Description
3	Changing the Relay Time

Example: To Change the Relay Time to 15 seconds

Enter Engineer Code   +   Code = 3   +   Seconds = 15   +   Present Finger to Confirm
Amber LED flashes   Red LED flashes   Red LED flashes

Changing Engineer Code

Code	Description
4	Changing the Engineer Code

Example: To Change the Engineer Code to 1234

Enter Engineer Code   +   Code = 4   +   1234 New Eng Code
Amber LED flashes   Red LED flashes   Amber LED flashes
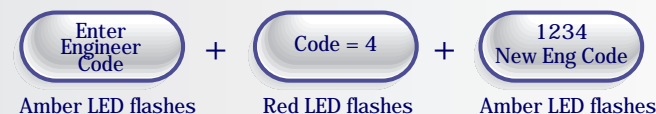
Changing Settings

Code	Description
6	Changing Backlight, Silent or Scan Mode

Example: To Toggle the Backlight to 'Always On' or 'Only On after a Key Press'

Enter Engineer Code   +   Code = 6   +   1
Amber LED flashes   Red LED flashes   Amber LED flashes
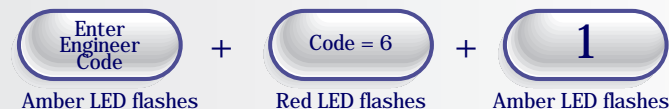
Example: To Toggle the Silent Operation On/Off

Enter Engineer Code   +   Code = 6   +   2
Amber LED flashes   Red LED flashes   Amber LED flashes

Example: To Toggle the Sensor Scanning Mode to Always On/Off

Enter Engineer Code   +   Code = 6   +   3
Amber LED flashes   Red LED flashes   Amber LED flashes

Note: If Sensor Scanning Mode is set to Off, the Red Sensor light will be off in normal standby conditions and placing a finger on the sensor window will not operate the Door Control.
To re-activate the Scan Sensor - press any key before placing the finger on the Sensor window.

User Administrator

User Location	User Name	Finger Reference
11		
12		
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15		
16		
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User Location	User Name	Finger Reference
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