VDI

BIOMETRIC ACCESS CONTROL

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COMPUTER DIVITION

VDI

10/12 DOOR SMART RACK CONTROLLER
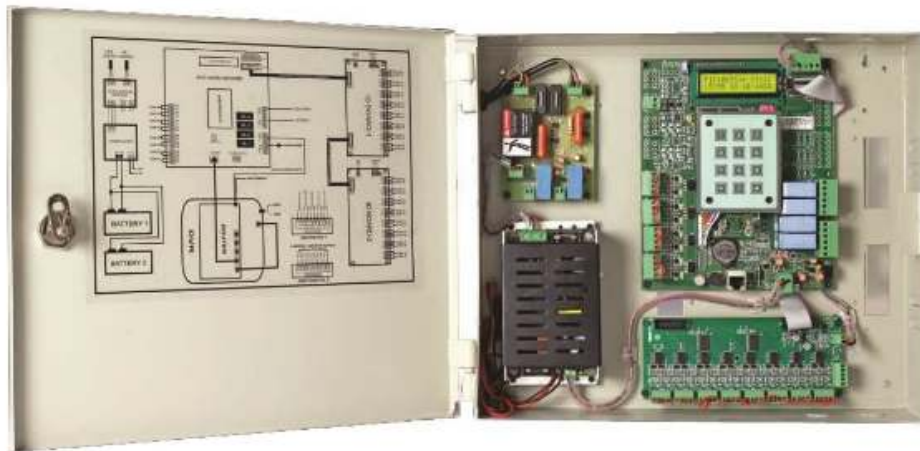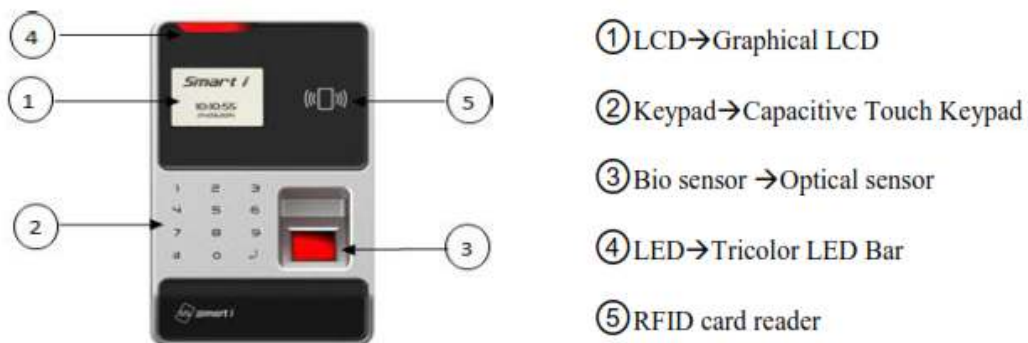

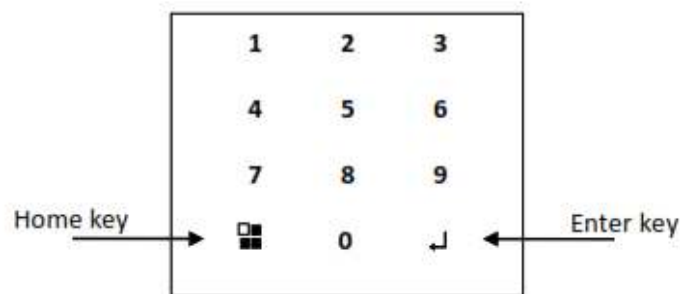| Product	Image	Use
Biolite NG **Model No. SBLNG130**		As Weigand Out Reader
Smart Rack Controller **Model No. SMNR1012**		To Open respective door which entered from Biolite NG

Introduction

This is a Weigand based rack control system to control 12 doors. It is consist of graphical LCD & touch Keypad interface for System programming & to display Time & Date, outputs enabled. It controls Up to 12 doors for that it takes finger input & operates respective authorized door outputs. User must be programmed by keypad menu.

Description of keys & other parts

①LCD→Graphical LCD

②Keypad→Capacitive Touch Keypad

③Bio sensor →Optical sensor

④LED→Tricolor LED Bar

⑤RFID card reader

Operational keys:

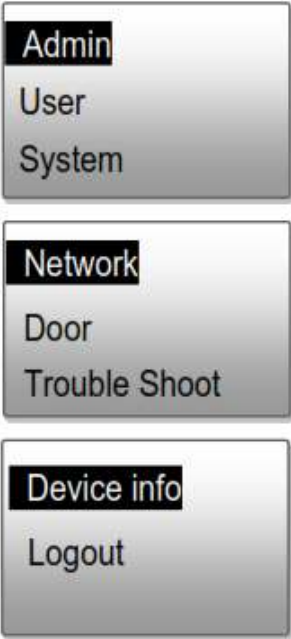| Keys	Description
Numeric keys(0-9)	To access keypad functions & to enter UID for verification
Keys 2 & 8	Scroll keys to select menu after admin login.
Keys 4 & 6	Scroll keys to select options
Home screen key	To go to the home screen
Enter key	Entering into menu parameter and set the values for parameter

Specification

Hardware specification:

Particulars	Description
CPU	32 Bit RISC Arm
Memory	Upto Flash 8 MB
Events/Transactions	2,50,000
No. of templates in sensor	19000
No. of Users	75000
Operation Modes	Card Only, UID + Finger, Card + Finger, Finger Only
Sensor	High Quality Scratch Resistance Optical Sensor.
Communications Port	TCP/IP, weigand, RS485
Baud Rate	9600bps (Default)
Controller ID	Max 9999
LCD	Graphical LCD
Keypad	Capacitive Touch Keypad
LED	Tricolor LED Bar
Language	English
Power Supply	12 V DC/ 2A (Min)
Enclosure	ABS Plastic
Color	Silver & Black

Sensor specification:

Particulars	Description
Type	Optical
Image Resolution	500 dpi
Enrollment Time	<1 sec
Verification Time	<1sec
Authentication / Identification	1:1& 1:N (User Groups facility for faster verification)
Identification Time	1 sec
Template Size	384 bytes
EER/FAR/FRR	<0.1%/0.001%/0.1%
Image Size (Pixels)	272 X 320
Sensing Area (mm)	16 X 19

USER ENROLLMENT

Keypad Function Details

Home screen

SMART-i 16:33:12 Fri 14 Feb 2015	After power on the unit, the unit shows the below home screen.

Login Screen

Admin Login Admin ID 00000	Press home key from keypad, you get Login screen. Enter admin ID i.e 11111 (default) &press 'enter' key from keypad.
Enter Password 00000	Then enter password i.e. 12345 (default)

Main Menu Screen

Admin User System Network Door Trouble Shoot Device info Logout	If admin ID & password is right then you get menu screen.

User

```
Add User
Del User
Search User
```

```
Change Pin
Add User Data
Add FingTo ID
```

```
Facility Code
Set DUA User
```

This mode is used to access all different parameters related to the user such as add user, delete user, search user, bulk add card, change pin, add user data, and facility code.

Add User

```
Add User
Enter UID
0000000000
```

```
Add User
Add Finger: 1
4: Yes       6: No
```

In this menu enter the UID or show the card and press enter and select finger addition YES No option by 4 & 6 keys. Select YES option to enroll the finger or select NO to add only card or UID.
If you select YES then it ask to place finger 1with sensor ON. After finger gets added it shows score of finger & then asks for 2nd finger.
If you want to add 2nd finger then press key 4.
To add more fingers you can use 'Add fing. to ID' menu.

Note: Per user you can add 8 fingers only.

Delete User

```
Del User
Enter UID
0000000000
```

In this menu, enter the UID no. or show card and press enter to delete that user and its fingers.

Add Finger to ID

Add Fing To ID Enter UID 0000012345	After selecting **Add Fing to ID** enter the UID no.or show card and press enter, sensor get ON to add fingers for that particular UID with score. Note: Only added user can enroll finger by this menu.
Add Fing To ID Put Finger :2 0000012345	

Set Door No

Set Door No Enter UID 000000000	By this menu you can allow doors to user as require.
Set Door No Door No: 000000000	Enter user ID then enter Door no (from 01 to 08) to access and press enter to add that door to user
Set Door No Door No: 01	
Set Door No Door No: Door Added	

Set All Door

Set All Doors Enter UID 000012345	By this menu you can allow all doors to user as require.
Set All Doors UID:00012345 4: SEL 6: DEL	Select 4 to set all doors & select 6 to delete all doors for that user.
Set All Doors UID:00012345 Set Successfully	

Door No	Details
01	Rack 1 front door
02	Rack 2 front door
03	Rack 3 front door
04	Rack 4 front door
05	Rack 1 rear door
06	Rack 2 rear door
07	Rack 3 rear door
08	Rack 4 rear door