

Contents

AR-888(H): Access Controller

1 Product (US/EU) 2 User Guide 3 Terminal Cables 4 Tools 5 EVA foam gasket (US/ EU)

AR-888(K/U): Wiegand Reader (K: With Touch Key Panel, U: W/O Touch Key Panel)

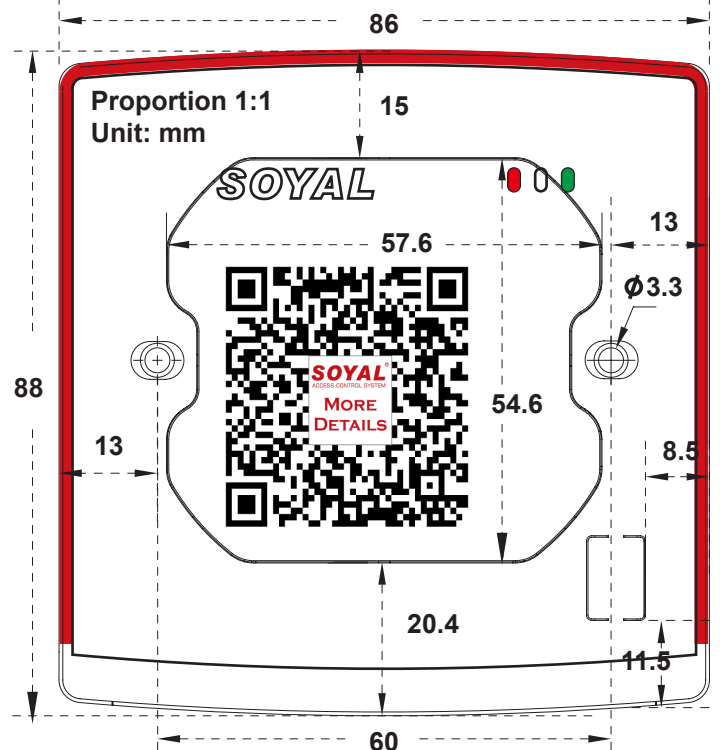
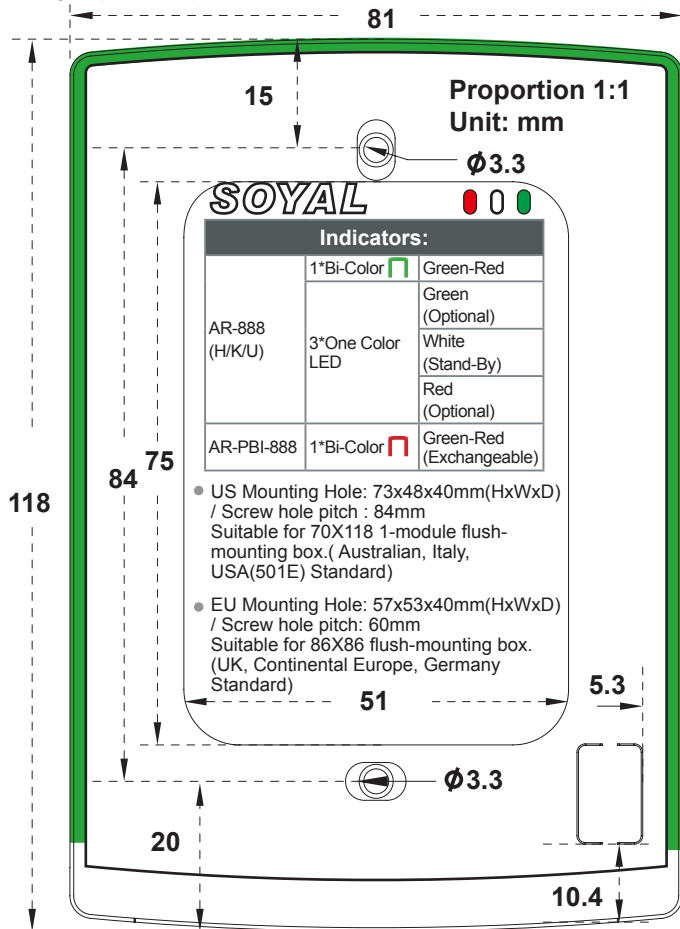
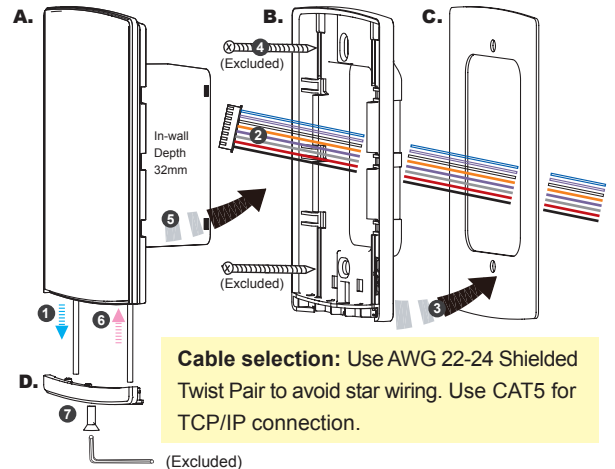
1 Product (US/EU) 2 User Guide 3 Terminal Cables 4 Tools 5 EVA foam gasket (US/ EU)

AR-PBI888: Infrared Touch-Less Sensor / Exit Button

1 Product (US/EU) 2 User Guide 3 Terminal Cables 4 Tools 5 EVA foam gasket (US/ EU)

Installation

- Take off two Iron bars from the of bottom body A and and mounting plate B. Pull the cables from the square holes of the eva foam gasket and mounting plate.
- Use a screwdriver to screw the eva foam gasket C and mounting plate B onto the wall with Flat Head Cap Philips Tapping Screws (Excluded, the Installer should prepare before installation. **The screws shall not be screwed too tight, or it could lead to the deformation of the mounting plate.**
- Connect the cables to the backside of body A and attach A to B. To fix A on B by inserting two Iron bars from the bottom of A + B.
- Attach the Back Cover D to A. Use the Allen key and screws to assemble the Back Cover onto the body.
- Hands-off and clear any objects around the 888H/K.** Turn on the power and LED will light-up and beep will sound. Wait the Touch IC start for 10 sec. to operate.



Flush-Mounted Series

Access Controller / Wiegand Reader / Infrared Touch-less Sensor (Exit Button)

Basic Commands

Enter program mode

*123456#

Change program code

Input 6-digit PWD twice

09*654321654321#

Add Card User

(Please list down each User Address and its Card ID)

User Range: 00000~03000

M4/M8 Mode

19*00001*00001#

M6 Mode (Must set up 17*0000#)

22*1#

Ex.: 00001 start user address at 00001 and scanned 50 pcs of card one by one; next time, input 19*00051*00001#

Attach/Present Card One by One

Add PIN User

PIN=0000 (Disable)

M4/M8 Mode (4/8 beeps while entering program mode)

12*00001*1234#

M6 Mode (6 beeps)

15*1234#

Add Card+PIN User

PIN=0000 (Disable)

M4/M8 Mode

13*00001*4321#

M6 Mode

17*4321#

Set up Door Relay Time

TTT: 001~600=1~600 sec.
601~609=0.1~0.9sec.
000=On/ Off (Latch)

02*007#

Set up Door Close Time

TTT: 001~600=1~600 sec.

18*015#

Exit program mode

*#

Delete Card User

User Range: 00000~03000

M4/M8 Mode

10*000019*00005#

M6 Mode

10*00001*00005#

Ex.: 00001 start user address at 00001
00005 end user address at 00001
Totally 5 user cards will be disabled.

Delete All User Cards

29*29*#

Reset to Factory Default Value

(Delete all cards and parameters)

29*20*#

AR-888 (K/U) 125kHz WG/ABA/RS232 Format (Change by shorted on PCB)		
Format	WG	RST/Bits
WG 26	Open	Open
WG 34	Open	Short
RS-232	Short	Open
ABA-8	Short	Short
ABA-10	Short	Open

AR-888 (K/U) 13.56MHz WG/ABA Format (Change by wires connection)			
Format	SET 1	SET 2	Note
WG 26	Open	Open	HEX
WG 34	Open	To GND	HEX
ABA-10	To GND	Open	BCD10
ABA-5-5	To GND	To GND	BCD

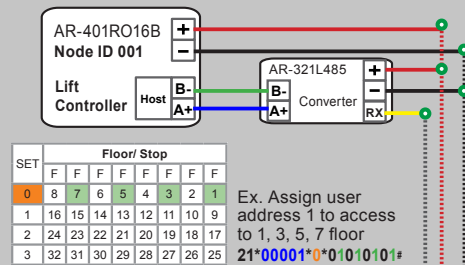
Set up Node ID

Ex. Node 32 connected to PC
00*032*032*032#
Ex. Node 9 connected to 716E
00*009#

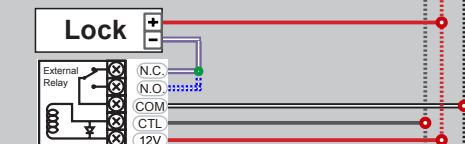
032=Node ID of Access Controller
032=Virtual 716E Node ID
032=Door number
(All Range:001~254)
009=Node ID of Access Controller
Range: 001~254)

Wiring Diagrams

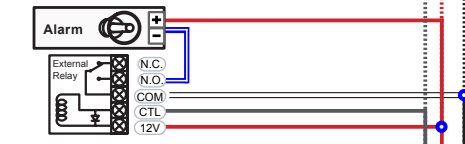
Alarm Output 3-Lift Control Wiring



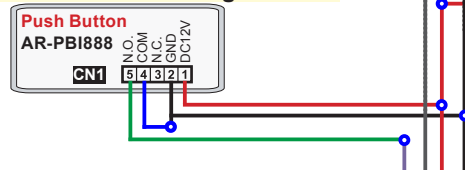
Alarm Output 2- WG Dual Door Control Wiring



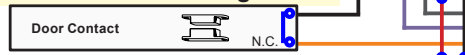
Alarm Output 1- Alarm Wiring



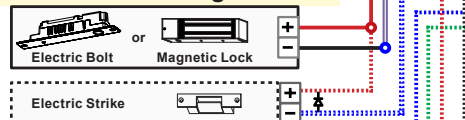
Exit Button Wiring



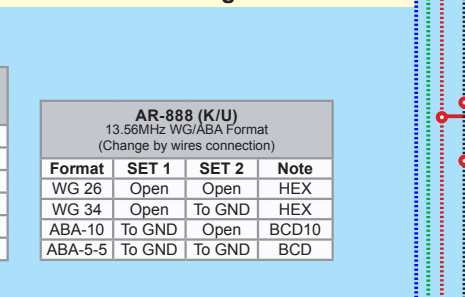
Door Sensor Wiring



Door Lock Wiring



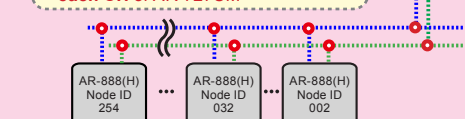
WG Reader Wiring



Networking Connection Wiring

Notice:

- At every 32 units or at every 300M connection to add a RS485 Booster.
- Suggest to connect up to 32 units for each CH of AR-727CM



Enable Life Control

24*002# (Enable)
24*000# (Disable)

Assign Users (Single Floor)

27*UUUUU*FF#

UUUUU=User Address=00000~03000
FF=Floor number=1~32

Assign Floor User (Multi-Floor)

21*UUUUU*S*FFFFFFF#

S=Set=0~3
FFFFFFF=0 (Disable) / 1 (Enable)

Occupied Alarm Output to support

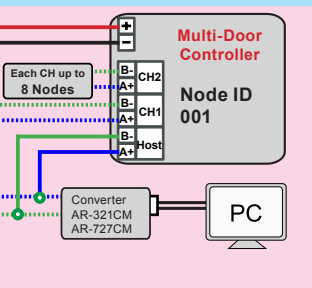
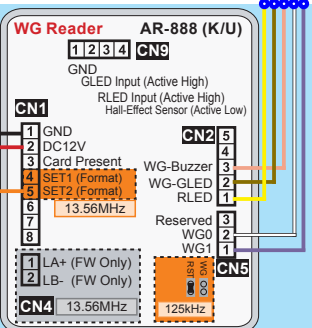
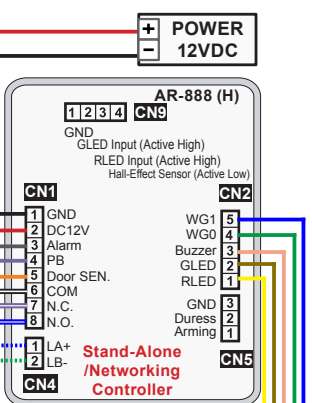
28*064# (Enable)
28*128# (Disable)

Enable Door Open Too Long Alarm

Enable Arming while exit program mode **#

Stop Alarm by Push Button

24*064# (Enable)
24*000# (Disable)





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