

**ACCESS CONTROL**

**Password & RFID ▶▶**

# ***WEBPASS*** ***IP Reader***

- **Web Based**
- **IP 65 Weather Proof**
- **EM / Mifare/HID**
- **Real Time Monitoring**
- **Alarm Alert via E-mail**

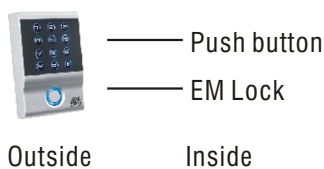


## Specifications

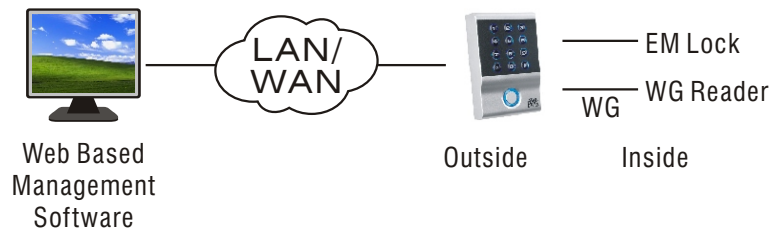
- Verification option: Card, Card + Pin, Pin
- Card format: 125 KHz (EM/TM), 13.56 MHz (Mifare), HID
- Reading range: 7 ~ 12cm (EM/TM), 3 ~ 5cm (Mifare/HID)
- Capacity: Card Capacity is 20,000 Users
- Log data : 60,000 entries
- Communication interface: Ethernet
- Communication speed: 10/100M
- On-Line system upgrade : Web query, Setting, Deleting
- Particular Common Pin code provides for Anti-Duress protection.
- Special Anti Pass Back design
- Protectively ESD/Electrical Surge design protects hardware, system safely
- 30 seconds keypad halting for 3-times illegally pin code entered
- Up to 50 Holiday, 32 Group List, 64 Time Zone, 64 Time schedules provided.
- WEB management software and SDK provided.
- Wiegand input: 1, WG24/36 Reader
- Exit Button dry Contact: 1
- Relay Time for Door Open: 1 ~ 60000 sec.
- Fire Alarm Input Dry Connector: 1
- Relay Time for Alarm: 0 ~ 600 sec.
- Sensor Detecting: 1
- Tamper Switch: 1
- Keypad: 10 numeric keys + 2 function keys
- Indicators: Ring type LED & Buzzer
- Operation Temperature : 0 °C ~ 65 °C
- Operation Humidity : 5 ~ 95%RH
- Power: DC 9 ~ 24V, 1A
- Weight: 150g.
- Dimension: 120 x 80 x 25(mm)

## Application

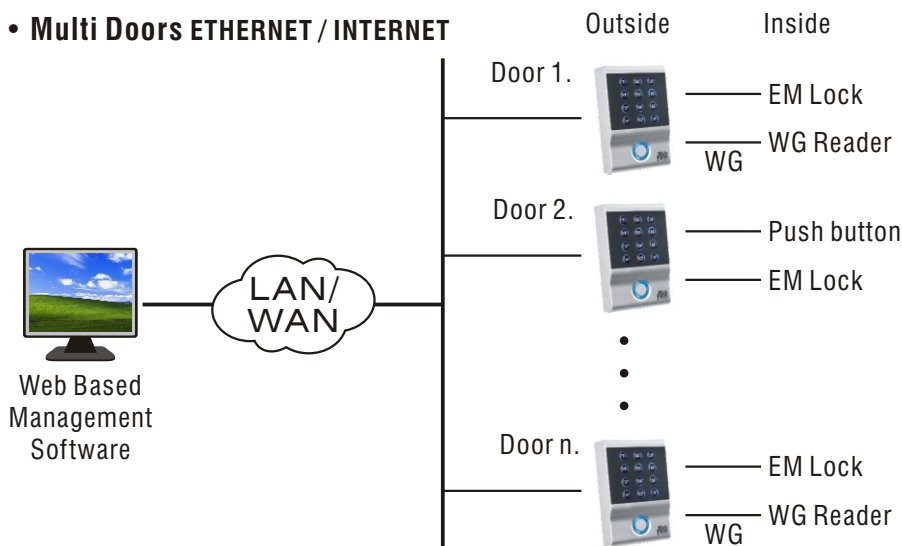
### • STANDALONE



### • ETHERNET / INTERNET



### • Multi Doors ETHERNET / INTERNET



## How to Order

Model	Type
WEBPASS	Card Frequency E: EM M: Mifare H: HID
How to choose a model ? For example: WEBPASS-E, WEBPASS-M, and so on.	



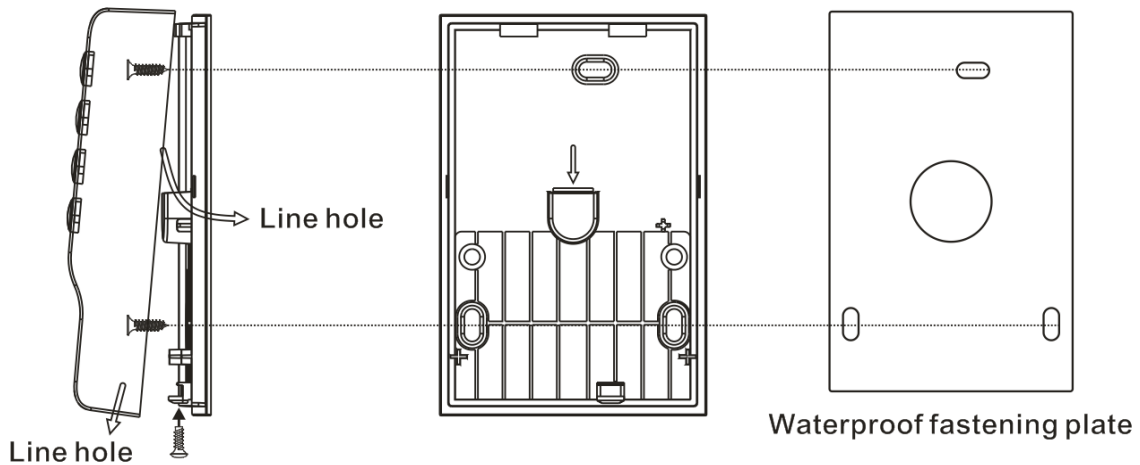
# Webpass IP Reader Installation Guide

## A. Package content

### ■ PARTS

Controller x 1, Accessory kit x 1(Plastic screw hub x 3, Fastening screw x 3), Cable (2pin x 1, 4pin x 1, 5pin x 2, 8pin x 1), CD x 1, Warranty card x 1

## B. INSTALLATION



### ■ Preparations /

1. Wipe dust and wet from the wall.
2. Fasten the waterproof plastic plate on the wall.
3. Drill the holes indicating on the plastic plate.
4. Fasten the plate with plastic screws to each holes.

### ■ Using the line hole under side /

1. Use the screw driver to open the back cover of host.
2. Install the back cover by using the screws which attached inside.
3. Please refer to process C to finish the installation.
4. Pass the cable through the line hole under side.
5. Combine the machine body, and then fix the screw under the machine.

### ■ Using the line hole at back cover /

1. Use the screw driver to open the back cover of host.
2. Pass the cable through the line hole at the back cover.
3. Install the back cover by using the screws which attached inside.
4. Please refer to process C to finish the installation.
5. Combine the machine body, and then fix the screw under the machine.

### ■ Physical Dimension /

80 X 120 X 25 (mm)

■ **RECOMMENDED /**

- Shielded type cable, Linear DC power adapter, Network cable.

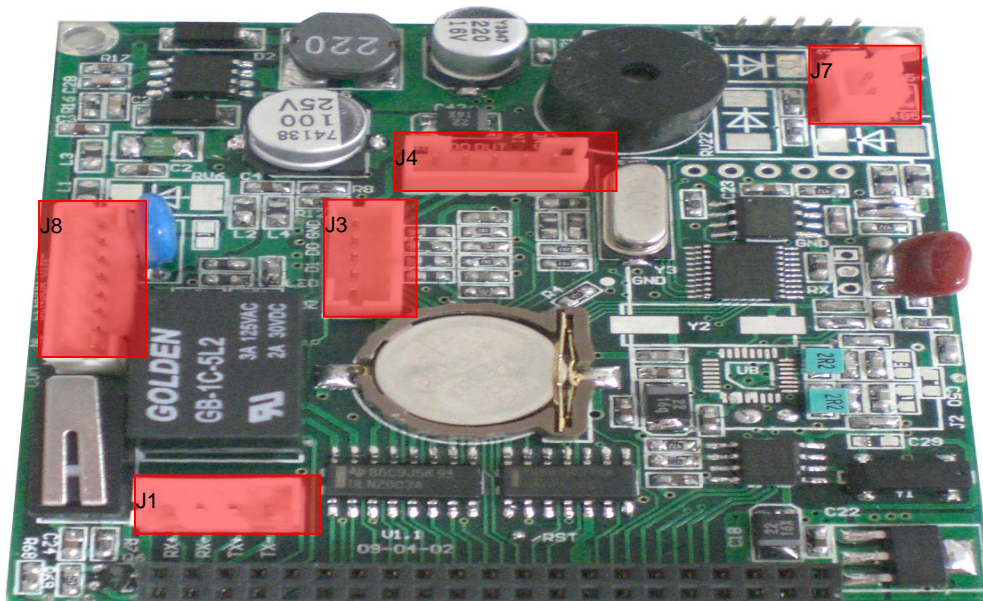
■ **SPECIFICATIONS /**

- Voltage range : 12 ~ 24 VDC
- Current max. Average : 800 mA
- Max distance for Wiegand : 80M
- Dimension : 120mm x 80mm x 25mm
- Net Weight: 130±10g
- Operation Temperature: -20°C ~ +55°C
- Cardholder capacity : 20,000cards/ 60,000entries
- Effective Reader Distance : 7-12cm (125KHz)/ 3-5cm (13.56MHz Mifare)/ 3-5cm (HID)
- Support card type: EM/Mifare/HID
- Built-In Reader : Support IN-OUT reader operation
- Internetworking : Built-In TCP/IP Module at speed 10/100Mbps

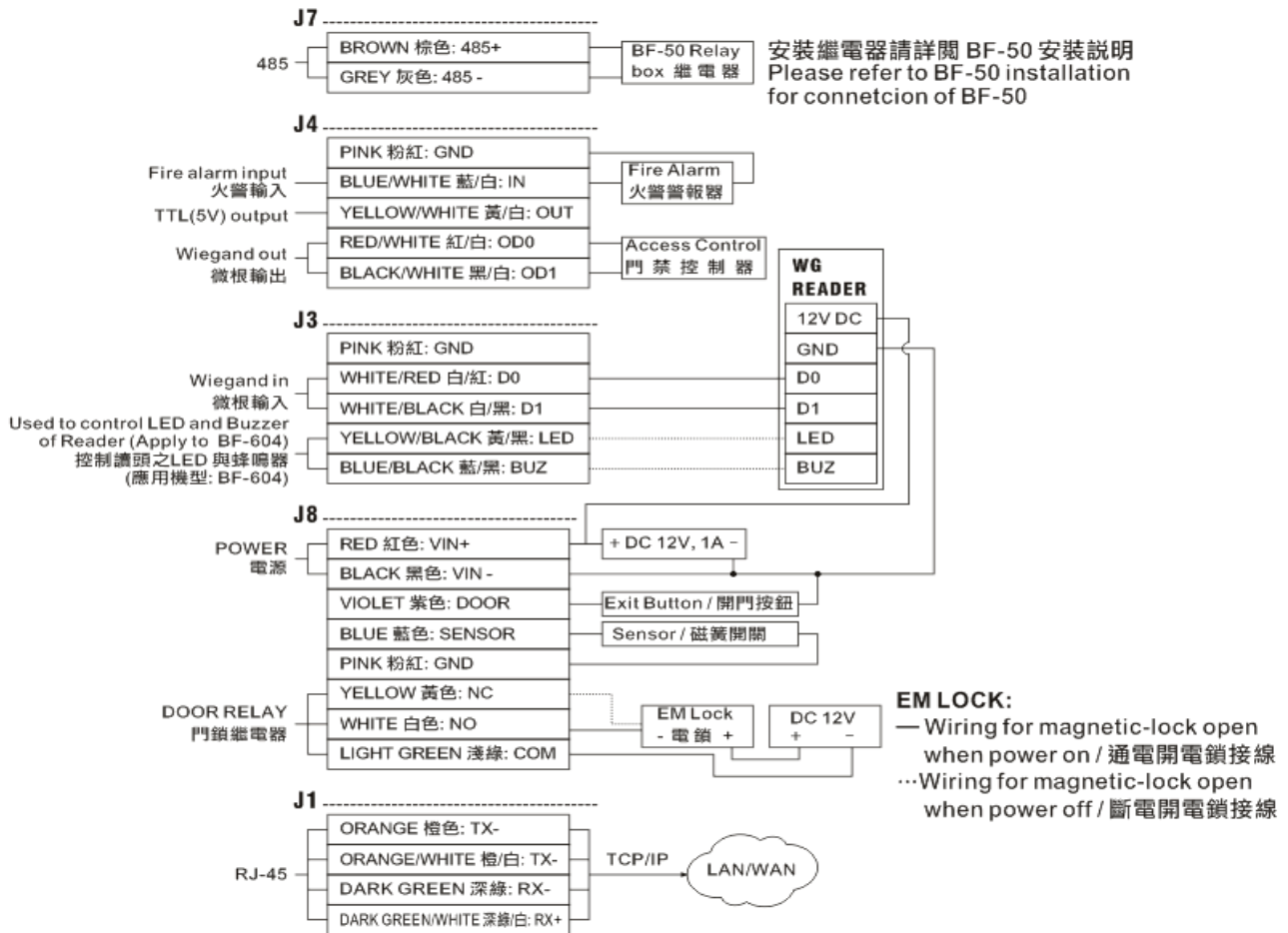
■ **Notice /**

- Do not connect other cable to the power unit except red & black power cable.
- Do not apply any unverified power supply to the unit or the hardware system may be damaged or may cause system an unstable condition.

**C. Terminal Block descriptions: J1~J8**



## WEBPASS HW1.0



## D. LED Indicators and Buzzer status descriptions:

	Red	Blue	Buzzer
Boot loader	Flash altogether per second		N/A
System Ready	N/A	Flash per second	2 short beep
System ready for Dummy Reader (Disconnected with SEMAC)	Both LED flash alternatively per second		N/A
Security Active (To be SEMAC reader)	Flash per second	N/A	N/A
Illegal card/password	Shine for 2 seconds	N/A	1 long beep
Registered card/password	N/A	Shine until door closed	1 short beep
Enforce to open/ Non Lock	N/A	Shine	N/A
Enforce to close	Shine	N/A	N/A
IP Conflict	Flash per second <sup>1</sup> + Keypad flash per second	N/A	1 short +1 long beep
Door open too long/Intrusion	Flash per second	N/A	Beep until door closed
Command mode	Both LED flash altogether per second		1 short beep

Read card under command mode	Both LED flash alternatively per second		N/A
Modification failed	N/A	N/A	1 long beep
Device cover removed	N/A	Flash per second	Beep until cover installed
Waiting for next verification information (For example: Multiple verification Time zone= Card + Password: when card has been verified then KEYPAD flashes until Password input)	KEYPAD flashes per second (lasts 10seconds)		

## E. Command Mode:

### Configuration Parameters :

UUUUUU : User ID Number ( 1~6 digits )

QQQQQQ : Number of Cards you want to register them in a process ( 1~6digits )

PPPPPPP : Password ( 4~8digits )

Command	Action
*123456#	Enter to Command mode : Initial password: 123456 , Buzzer long beeps after entered to command mode On Command Mode:: Blue and Red LEDs flash in the same time. After 10sec will back to Normal mode: Blue LED flashes per second Command Error: 1 long beep
02*TTTTT#	Door Open Relay configuration (Door close delay time) : Time for relay can be: 1-65535secs/ Default :10sec
03*TTTTT#	Door open waiting time(Door open delay time) : Time can be setting:1~65535 sec/Default:10sec
04*HHMMSS#	System Time setting : HHMMSS = Hour/Minute/Second(24H )
05*YYMMDDX#	System Date setting : YYMMDDX = Year/Month/Date/Weekday (YY=AD last two digit= 2009=09)
06*AAAAAA*BBBBBB*CCCCCC#	Password modification for entering Command Mode : AAAAAA : Old password BBBBBB : New password CCCCCC : New password like BBBBBB ※password is 4~6 digits
07*TTTTT#	Setting for TID nr. (Terminal ID) : TID nr. can be: 1 ~ 65535
08*T#	Access Control Setting :

	T= 0/1/2 → Normal Open/ Normal Close/Back to Normal
09*T#	Verification mode setting : T =1~4 1 : Card or Common Password 2 : Card only 3 : Common Password only 4 : Card and Personal password
10*PPPPPPP #	Common Password setting: 4~8 digits
11*UUUUUU*PPPPPPP #	Add a single User : Put the card to Reader * then enter the password#. If need no password then: 11*uuuuuu# only
12*UUUUUU*QQQQQ#	Add many Users: card numbers are continuous : Just Put the card with smallest card number to Reader
13*UUUUUU*QQQQQ#	Add many Users: Card numbers discontinuous : Put the cards one by one to Reader
14*UUUUUU #	Inactive a user account(User status : Cancelled)
15*UUUUUU #	Active a user account (User status: Active)
16*UUUUUU*PPPPPPP #	User password modification: 4~8 digits
17*UUUUUU#	Modify User Card Number
21*UUUUUU #	Delete single user account
22*UUUUUU *QQQQQ #	Delete many/continuous user accounts
23*29*#	Delete All user accounts
*#	Exit from Command Mode

