

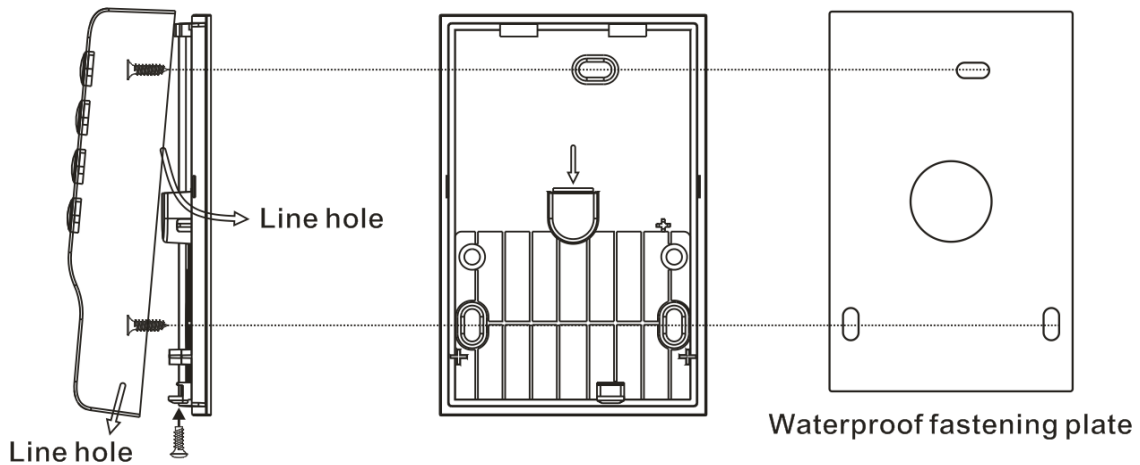
# Webpass IP Reader Installation Guide

## 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.

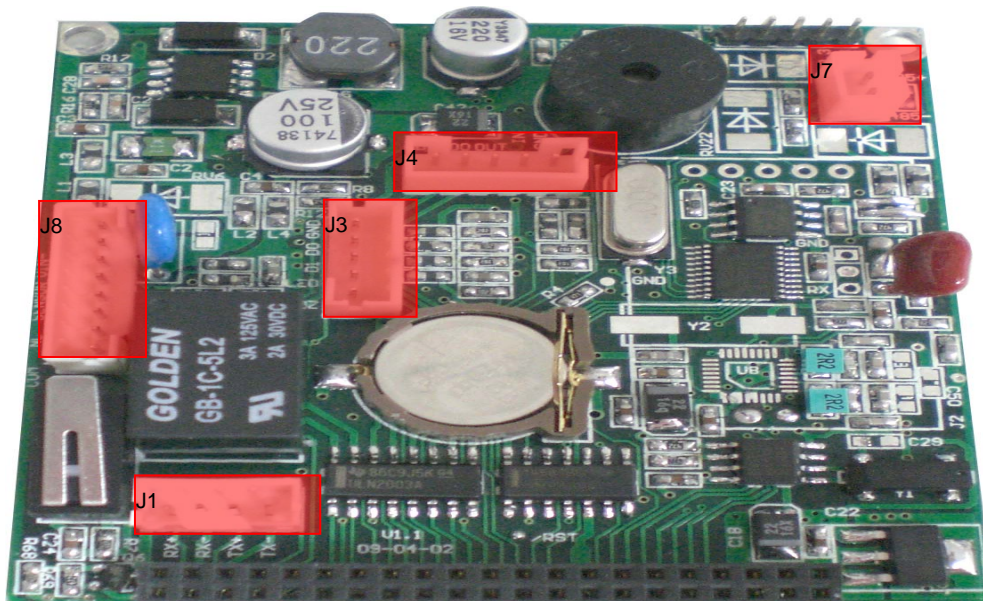
■ **SPECIFICATIONS /**

- 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

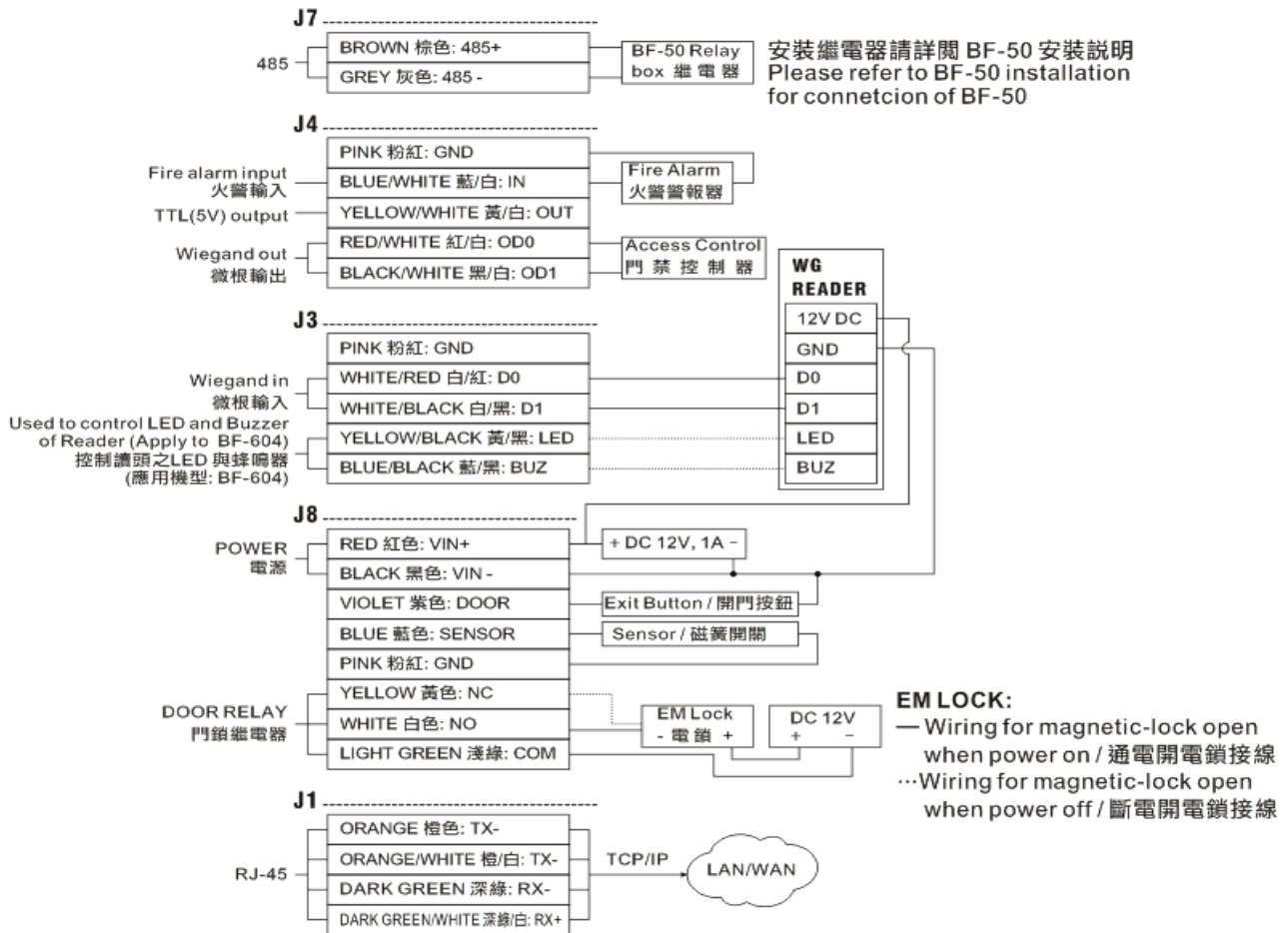
■ **Notice /**

- 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<br>(Disconnected with SEMAC) | Both LED flash alternatively per second                    |                         | N/A                    |
| Security Active<br>(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<br>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<br>(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 :<br>Initial password: 123456 , Buzzer long beeps after entered to command mode<br>On Command Mode:: Blue and Red LEDs flash in the same time. After 10sec will back to Normal mode: Blue LED flashes per second<br>Command Error: 1 long beep |
| 02*TTTTT#                | Door Open Relay configuration (Door close delay time) :<br>Time for relay can be: 1-65535secs/ Default :10sec  |
| 03*TTTTT#                | Door open waiting time(Door open delay time) :<br>Time can be setting:1~65535 sec/Default:10sec  |
| 04*HHMMSS#               | System Time setting :<br>HHMMSS = Hour/Minute/Second(24H )   |
| 05*YYMMDDX#              | System Date setting :<br>YYMMDDX = Year/Month/Date/Weekday (YY=AD last two digit= 2009=09)   |
| 06*AAAAAA*BBBBBB*CCCCCC# | Password modification for entering Command Mode :<br>AAAAAA : Old password<br>BBBBBB : New password<br>CCCCCC : New password like BBBBBB<br>※password is 4~6 digits  |
| 07*TTTTT#                | Setting for TID nr. (Terminal ID) :<br>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<br>1 : Card or Common Password<br>2 : Card only<br>3 : Common Password only<br>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#.<br>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   |