1. Introductions

Door Station is a unit installed on the entrance of a building, which used to call a user in a apartment, and control the electronic lock opening.

This is a guide for quick installation. for more detail instructions, please refer to the DT system technical guide.

To call the user, press a button with a associated nameplate of the user; then the user will press the Unlock button on the monitor to open the door for the visitor if she/he is accepted.

A ID card can be use to open the door.(Only for DMR11/ID series Door Station). For detail ID card operation, please refer to DT system technical guide.

A exit button can be connect to the Door Station directly.

The Camera angle can be adjusted to coordinate the install position of the Door Station

2. Parts and functions

Camera Lens
CDS Sensor
Infrared LED
Speaker
Microphone
Name plate
Call button
Camera Angle adjustment
Speaker Vol adjustment
308 mm
123 mm
298.5 mm
Connection Board
18 mm
45 mm
114.5 mm

3. Terminals
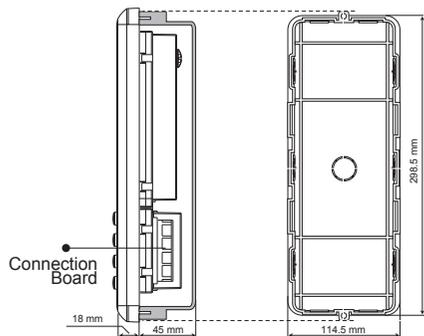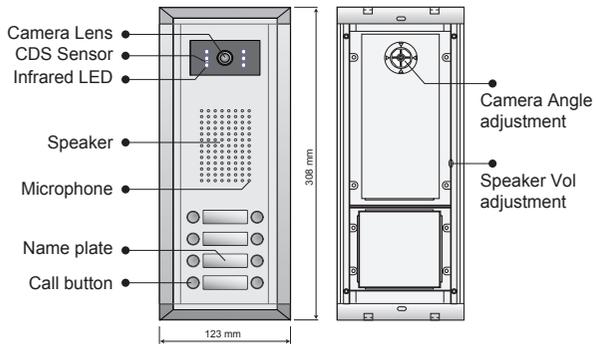
+12V
LK - (GND)
LK+(COM)
N.O.
EB -
EB+
JP-LK
T/R -
T/R+
RS-485
ON 1 2 3 4 5 6 SET
DMR11 Connection Board
L1 L2
PA
PB
BUS
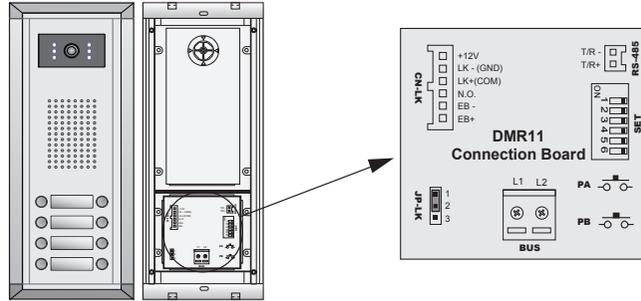
- **+12V:** 12VDC power output.
- **LK-(GND):** power ground.
- **LK+(COM):** electronical load activation ralay contact common.
- **NO.:** electronical load activation ralay normally open contact(refer to DT technical guide for Lock connection detail informations).
- **EB+:** Exit button.
- **EB-:** Exit buton.
- **JP-LK:** For electronic lock safety type setting(refer to Door Station Lock Connections).
- **T/R-:** USB-RS485 communication terminal negative.
- **T/R+:** USB-RS485 communication terninal positive.
- **SET:** DIP switches for system configurations.
- **PA:** program button A(refer to program section).
- **PB:** program button B.(refer to program section).
- **Bus(L1,L2):** non-polarised bus line.

4. Connections

This example is one door station wiring, note that the lock used here is a 12Vdc 300mA power-to-unlock type. (please refer to DT technical guide for Lock connection detail informations)

Electronic Lock
-
+
+12V
LK - (GND)
LK+(COM)
N.O.
EB -
EB+
JP-LK
T/R -
T/R+
RS-485
ON 1 2 3 4 5 6 SET
DMR11 Connection Board
L1 L2
PA
PB
BUS
Exit Button
Connect to DPS or DPS-4
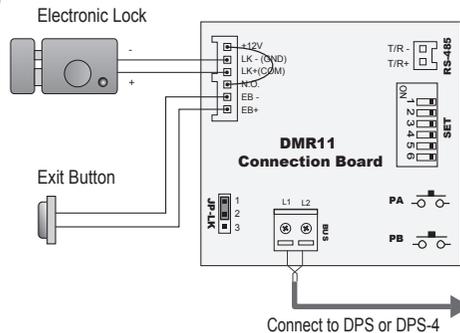
5. DIP Switches settings

Total 6 bits in the DIP switches can be configured. The switches can be modified either before or after installation, but restart the power supply is needed whenever the switches have been modified.

ON 1 2 3 4 5 6

ON(1) =

OFF(0) =
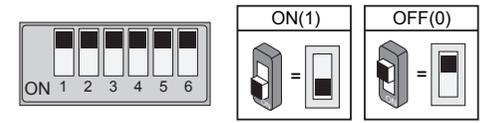
- Bit-1 and Bit 2 is for door station ID settings, when mutil door stations are installed in the system, these two bit must be set correctly, the first door station set to 00, the second one set to 01, the third one set to 10, the fourth one set to 11. If only one door station is installed, set to 00.
- Bit-3: Single line button door station or double line button door station selection. If the door station is a double line button, for examlpe, the DMR11-D8, set this bit to 0, set to 1 for single line button door stations.
- Bit-4: Button code selection; if use the default codes for each button of the door station, set to 0, if use the programmed codes, set to 1.(the code for each button can be program by the DT CONFIG software, see the program section in this manual)
- Bit-5: Unlocking time quick selection, by default it is set to 0, for 1 second unlocking time; set to 1 for 5 seconds.
- Bit-6: Debug state enter; set to activate the debug state.

6. Place Name Plate

Press down and shift right/left to open the tracsparent nameplate cover, then insert the name paper, then put the plate cover back to the panel. Note thar double button line panel can be opened both direction, single button line Can only be opened at right side.


David   Calo
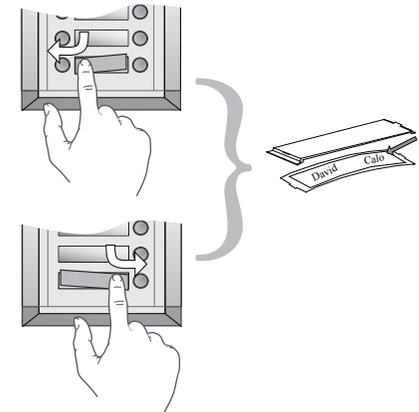
7. Standard Installation

114.5 mm

296.5 mm
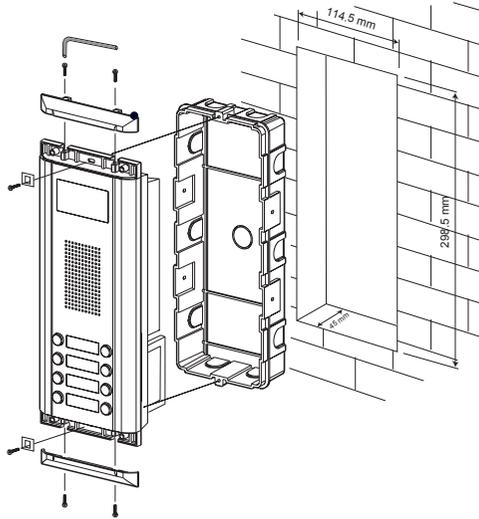
8. Installation with expanding panel

Jointer*2

Stopper

-4-
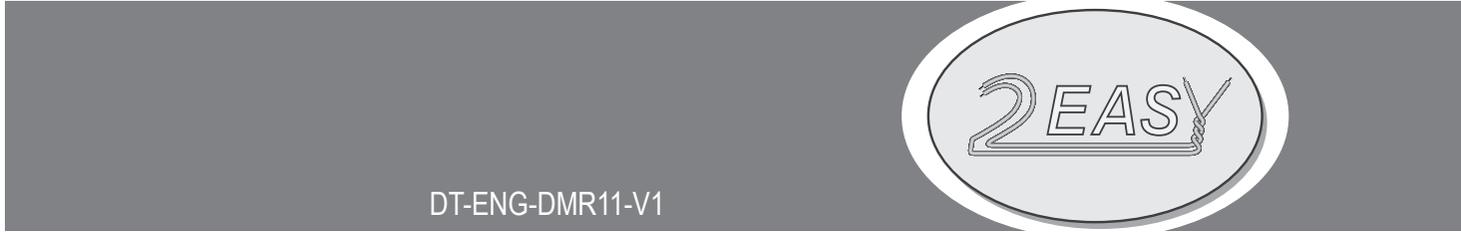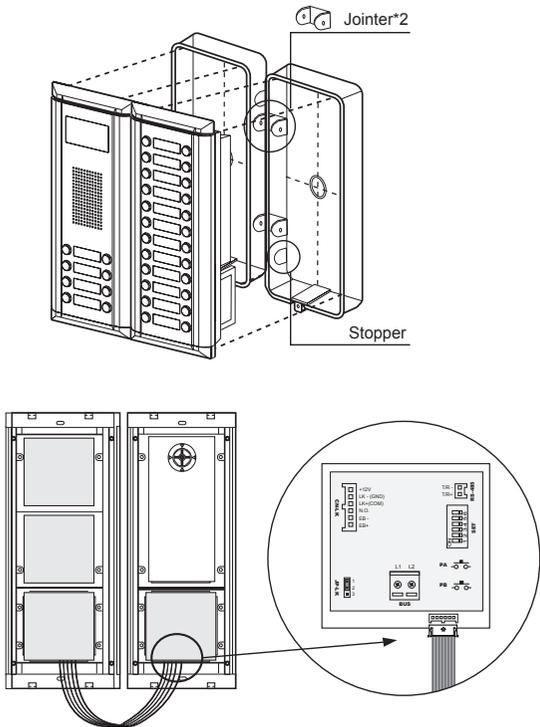
DT 2-wire System

DMR11 Door Station
Quick Installation Guide

DMR11/ID/S4
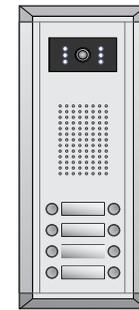
DMR11/D8
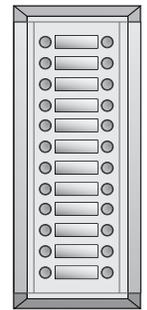
EP11/D24

DMR11/ID/D8

DMR11/S4

EP11/S12