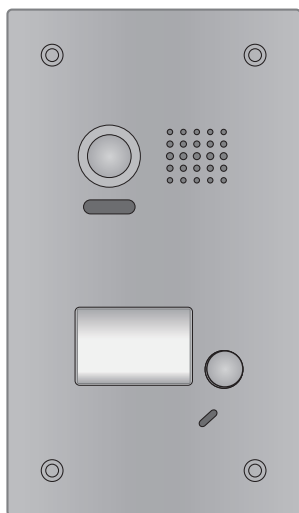
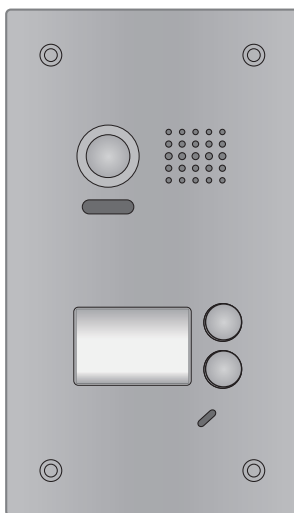


Door Station Model 603/Flush Mount

2-wire series



1-Button



2-Button

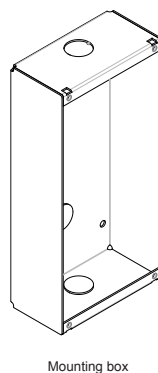
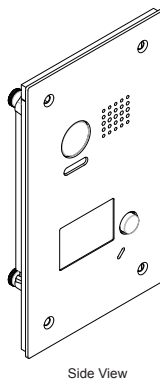
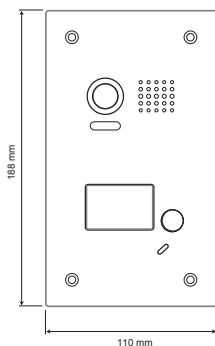
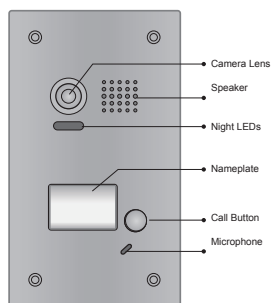
Introduction

Door Station Model DT-603 is equipped with a high resolution colour CCD image sensor ARS 650TVL with wide angle of view 105 degrees. White LEDs enable the door station to work efficiently at night. The door station facia is made of medical stainless steel 2.5mm for better protection against cauterization. The call button is made of durable zink alloy. The name label with back light is covered by fully secured and flameproof 4mm plexiglass plate.

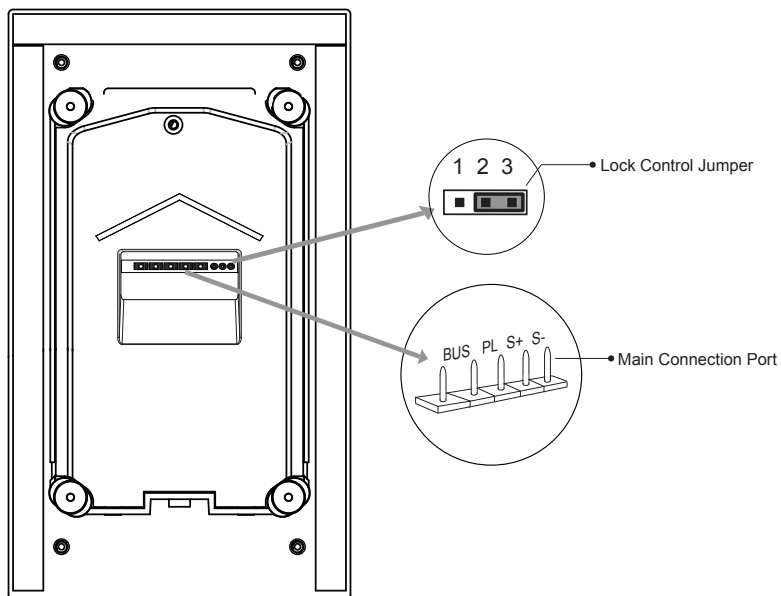
Door station intended for flush mount installtion and comes with wall box. Anti-tamper screws supplied for better protection against vandalism.

IP54 protection rate

Parts and Functions



Terminals Descriptions



Lock Control Jumper : To program electric lock type

Main Connect Port : To connect the bus line and electric lock

BUS : Connect to the bus line, no-polarity

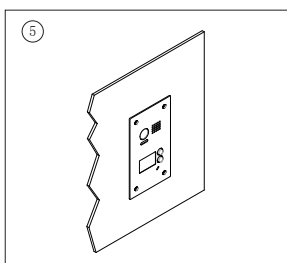
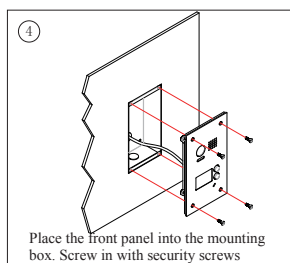
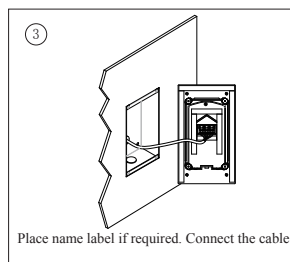
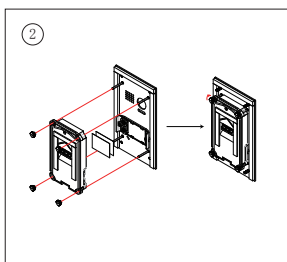
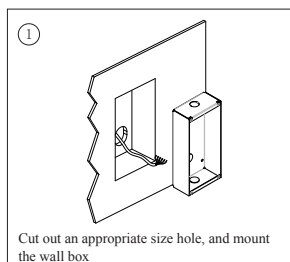
PL : Additional power supply for the lock, connect to the power positive (power +)

S+ : Lock power (+) output

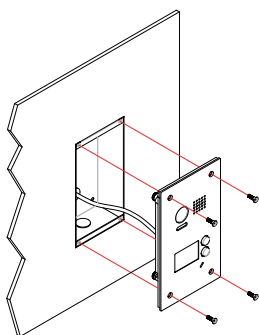
S- : Lock power (-) output

Mounting

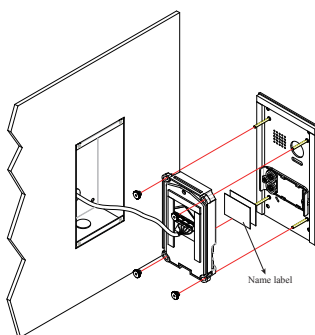
Door Station Mounting



Replacing Name Label



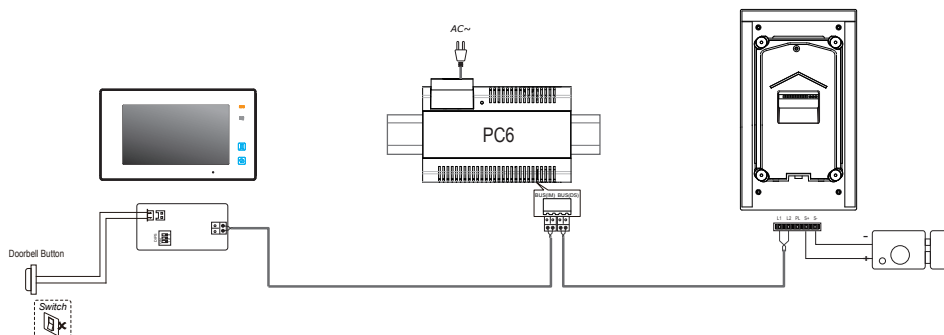
STEP 1
Unscrew the screws



STEP 2
Replace name label

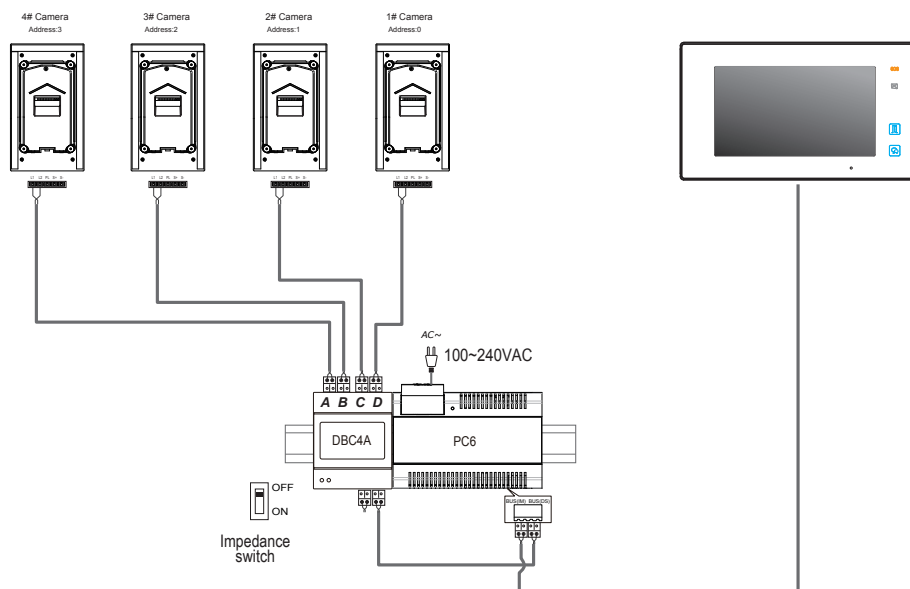
System Wiring and Connections

1-Monitor Connection



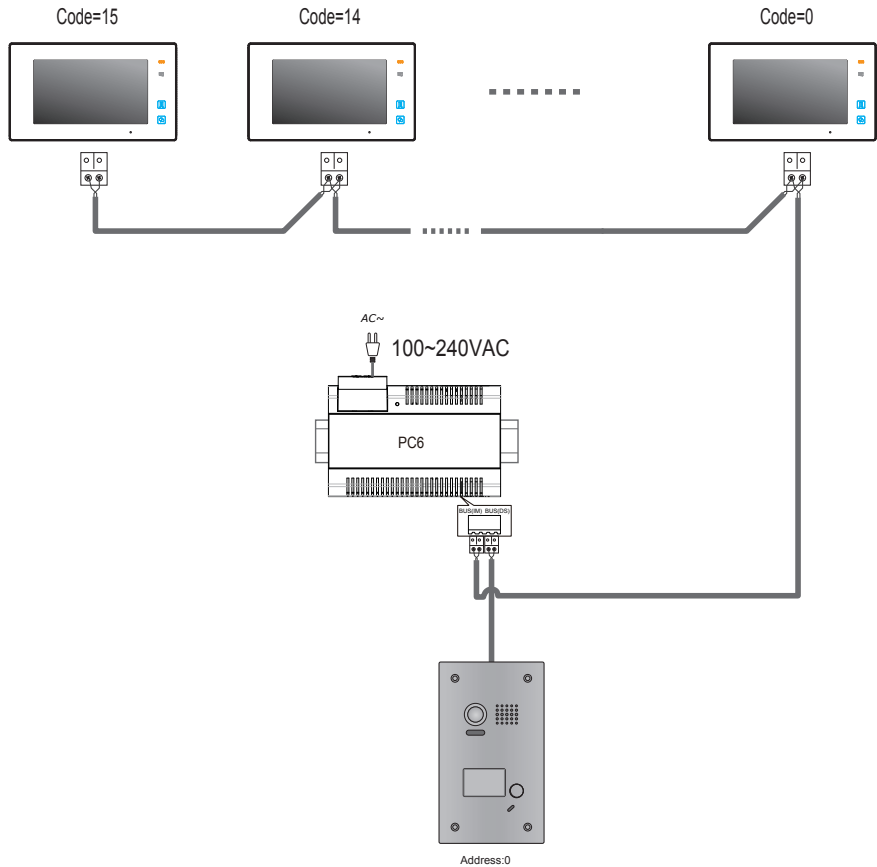
Multiple Door Stations Connection

If system has more than one door station installed, program their ID address before mounting them (see page 10 of manual)



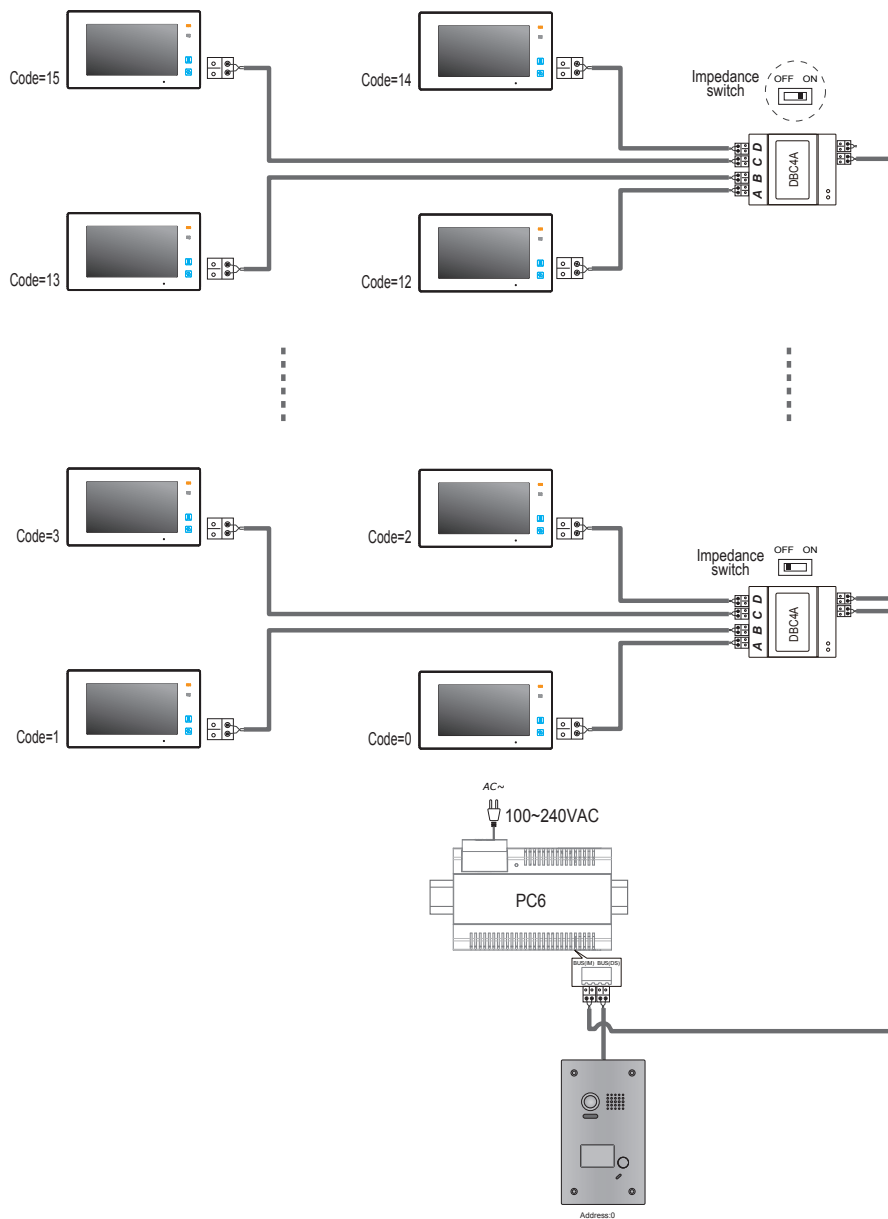
Multiple Monitors Connection: Daisy Chain

Up to 15 x video monitors (Aura, Alecto, Leda, Iris) can be connected in one system



Multiple Monitors Connection: Star with DBC4 Distributor

Up to 15 x video monitors (Aura, Alecto, Leda, Iris) can be connected in one system



Electric Lock Connection

Lock Controlled with Internal Power

Lock can be powered from Door Station if:

The lock is 'Power-on-to-unlock'

The lock is 12V, and holding current is less than 250mA

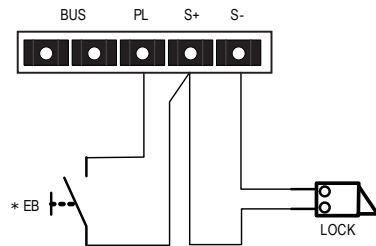
'Unlocking Mode' parameter would be 0 (default, no need extra programming)



Magnetic lock, the jumper position in 1-2



Electric lock, the jumper position in 2-3



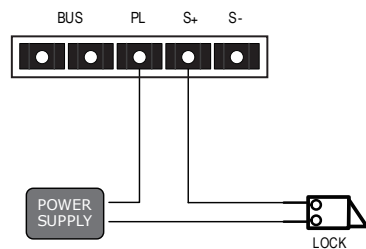
Door Lock Controlled with Dry Contact

Note:

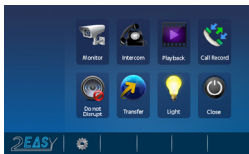
1. The external power supply must be used according to the lock
2. The jumper must be taken off before connecting
3. Setup the **Unlock Mode** of Monitor for different lock types
 - Power-on-to-unlock type:Unlock Mode=0 (by default)
 - Power-off-to-unlock type:Unlock Mode=1



Take off the Jumper



Unlock parameter settings via monitor (Aura, Alecto)



1. Touch **2EASY** icon



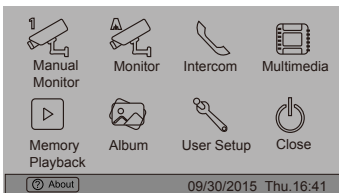
2. Touch **UNLOCK** button and hold for 2s



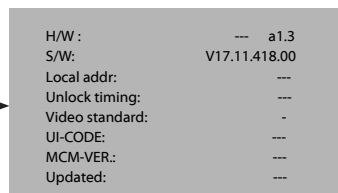
3. A digital keypad will opens

1. Door station must be connected and powered up
2. Electric or Magnetic lock must be connected before programming
3. Programming should be done on one monitor only. Settings will be synced with door station

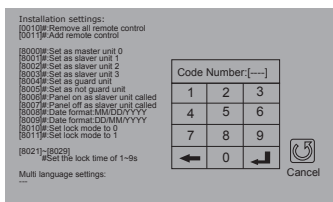
Unlock parameter settings via monitor (Cronus)



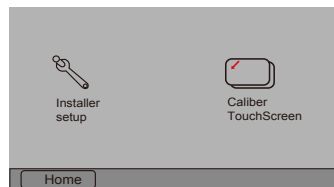
1. Touch **About** icon



2. Touch the screen and hold for 2s



4. A digital keypad will opens



3. Touch Installer setup icon

Using the keypad, type in following codes:

8010 # for 'Power-on-to-unlock' mode

8011 # for 'Power-off-to-unlock' mode

Next step is to set unlocking time

8021# ~8029# unlocking time 1-9s



NOTE: Lock must be connected before programming. Programming should be done on one monitor only. Settings will be synced with door station

















DIP switches settings for Multiple Monitor system (Models Cronus, Leda, Iris)

There are 6 x DIP switches on the rear of video monitor and they are used to configure the ‘User Code’ for each monitor. Use Tables below for programming monitor ‘User Codes’

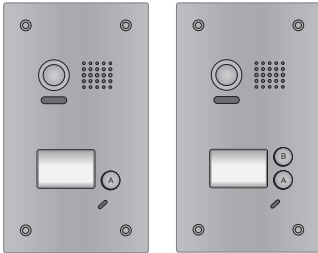
DIP switch 6 is ‘End of Line’ switch, which has to be set ‘On’ on all monitors connected via ‘Star’ with DBC-4 distributor

If monitors connected via ‘Daisy chain’, set DIP switch 6 ‘On’ on the last monitor in the chain only

| DIP | Setting | DIP | Setting |
|---|--------------------------------|---|-----------------------------------|
|  | Monitor not at the end of line |  | Monitor is at the end of the line |

| DIP | User code | DIP | User code | DIP | User code |
|---|-----------|---|-----------|---|-----------|
|  | code=0 |  | code=6 |  | code=11 |
|  | code=1 |  | code=7 |  | code=12 |
|  | code=2 |  | code=8 |  | code=13 |
|  | code=3 |  | code=9 |  | code=14 |
|  | code=4 |  | code=10 |  | code=15 |
|  | code=5 | | | | |

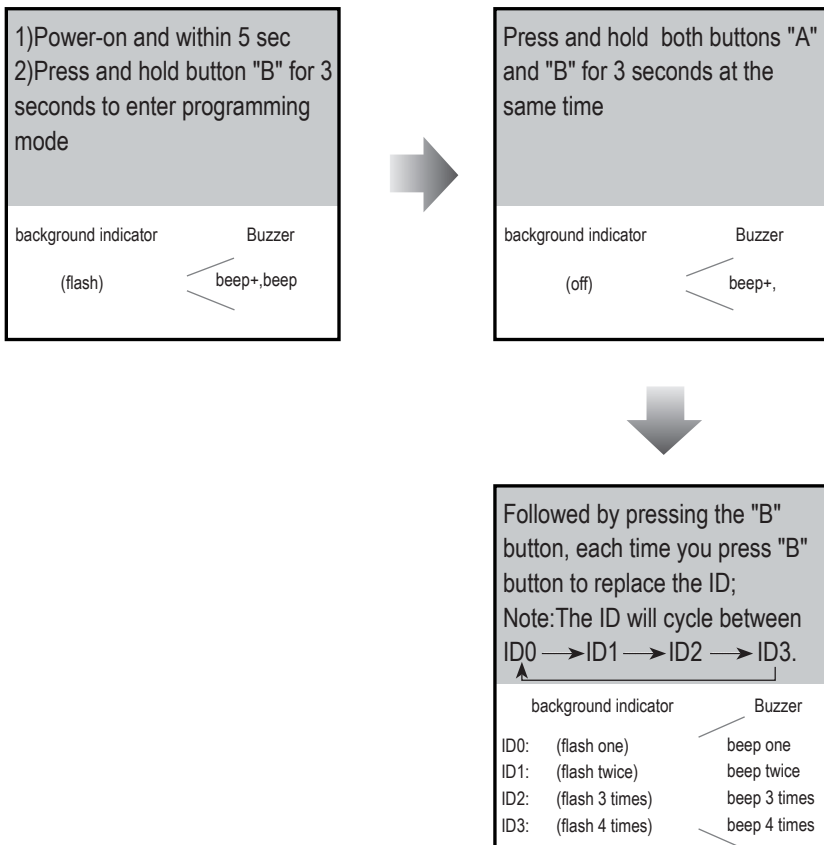
6. Setup



Monitors with User Code 0~15 will response calls from Button A
Monitors with User Code 16~31 will response calls from Button B

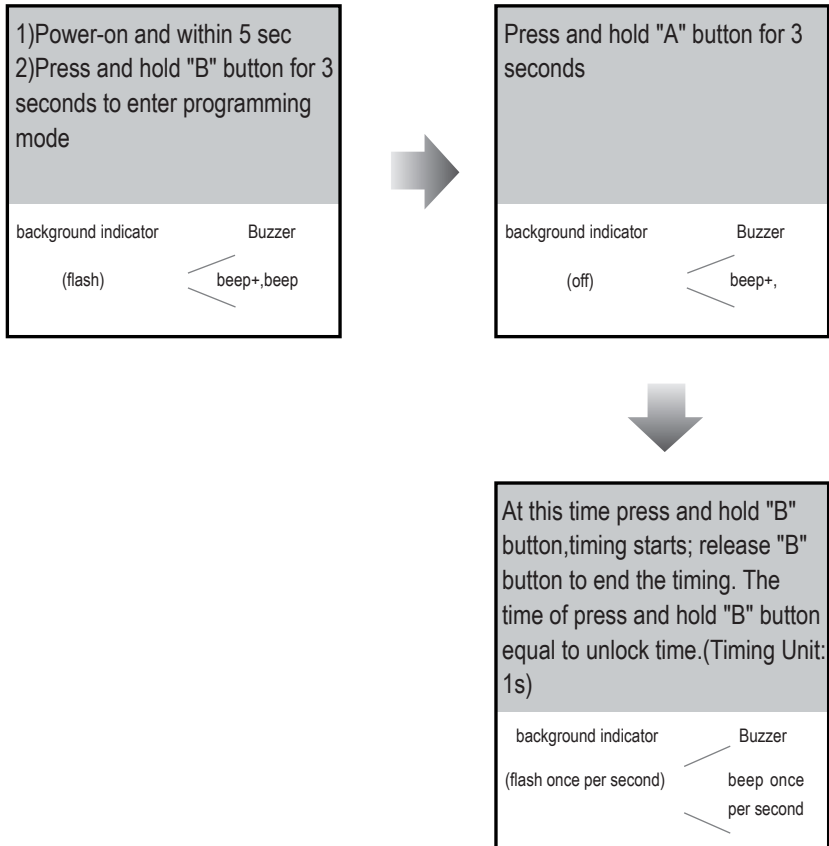
Door Station ID Address

Up to 4 x Door Stations can be connected to one system. To find programming buttons A and B, remove steel fascia of door station



Unlocking Time Setting via Door Station

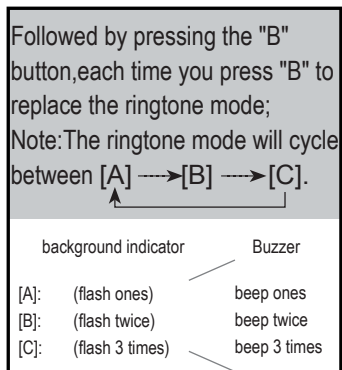
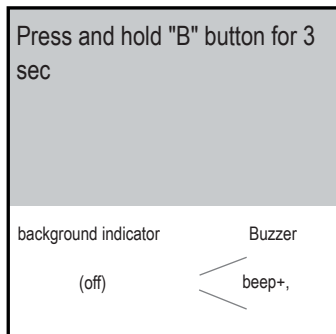
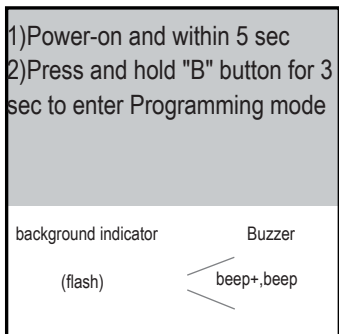
The unlocking time can be set to 1~30 seconds. The default is 1s



Note: Unlocking time can be program via monitor as well

Ringtones Settings

Door Station has two reassuring ringtones: (A)-single ringtone, (B)-continuous ringtone
Can be switched off to silent (C) as well
Default - single ringtone (A)



Specifications

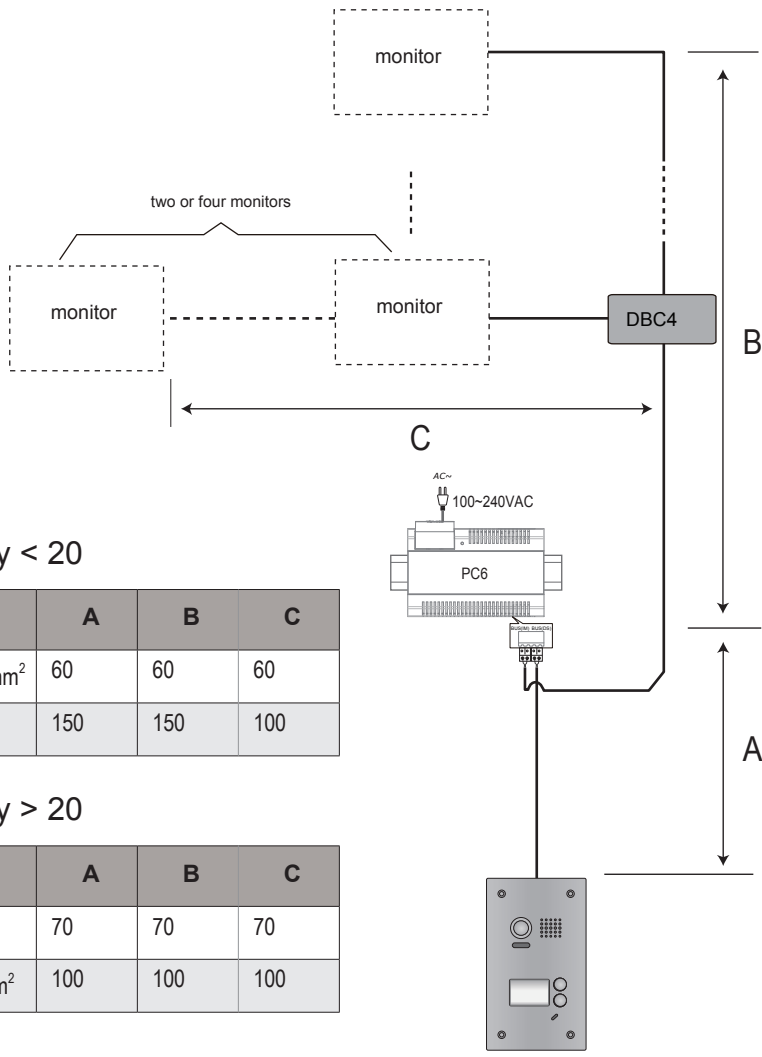
- | | |
|------------------------|-------------------------------------|
| • Power Supply : | DC 24V |
| • Lock Power supply: | 12Vdc, 300mA(Internal Power) |
| • Power Consumption: | Standby 33mA; Working status 110mA; |
| • Camera Image Sensor: | Color ARS; 650 TV Lines |
| • Unlocking time: | 1~30s |
| • Working temperature: | -15°C ~ 55°C; |
| • Dimensions: | H188 × W110 × D39mm |

Precautions

- It is ok to clean stainless steel parts of Door Station with 'Brasso' for example.
Be careful with glass and plastic parts
- The unit is weatherproof. However do not spray high pressure water on it directly.
Excessive moisture may cause problems
- You must only use the power supply which is supplied or approved by the manufacturer

7.Cables Requirements

This system transmits video and audio through the power cable. No Polarity connection
Recommended cables Uncreened: twisted pair, flex multi-cores, speaker cable, CAT5/CAT6
Minimum requirements 0.5mm cable up to 2mm (depends on distance)



Monitor quantity < 20

| Cable Usage | A | B | C |
|--------------------------------------|-----|-----|-----|
| Twisted cable 2x0.75 mm ² | 60 | 60 | 60 |
| Twisted cable 2x1 mm ² | 150 | 150 | 100 |

Monitor quantity > 20

| Cable Usage | A | B | C |
|-------------------------------------|-----|-----|-----|
| Twisted cable 2x1 mm ² | 70 | 70 | 70 |
| Twisted cable 2x1.5 mm ² | 100 | 100 | 100 |

The design and specifications can be changed without notice to the user
Right to interpret and copyright of this manual are preserved
