DORANI®

AUDIO VIDEO INTERCOM SYSTEMS

SECURITY & SAFETY AT YOUR FINGER TIPS

DORANI VIDEO INTERCOM - 2 WIRE SERIES
7" TFT MONITOR

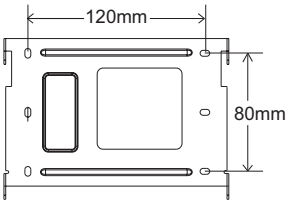
TECHNICAL SPECIFICATIONS

- 7"Colour TFT screen
- 480 x 234 lines
- Voltage: DC24V ± 10%
- Max Current: 500mA

FEATURES

- 2 wire installation
- Handsfree operation
- Expandable
  - 4 internal stations
  - 2 outdoor stations
- Intercommunication between stations
- Door/Gate lock connectivity
- Door station monitoring
- Volume control/muting
- Brightness and contrast control

DIMENSIONS



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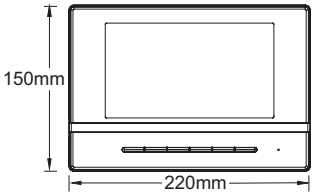


Monitor

DORANI VIDEO INTERCOM - 2 WIRE SERIES
5" TFT MONITOR

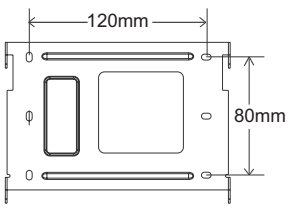
TECHNICAL SPECIFICATIONS

- 5"Colour TFT screen
- 320 x 234 lines
- Voltage: DC24V ± 10%
- Max Current: 500mA

FEATURES

- 2 wire installation
- Handsfree operation
- Expandable
  - 4 internal stations
  - 2 outdoor stations
- Intercommunication between stations
- Door/Gate lock connectivity
- Door station monitoring
- Volume control/muting
- Brightness and contrast control

DIMENSIONS



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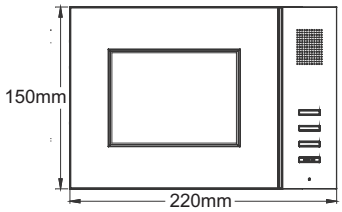
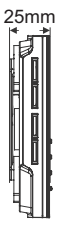


Monitor



DORANI VIDEO INTERCOM - 2 WIRE SERIES
AUDIO SUB STATION

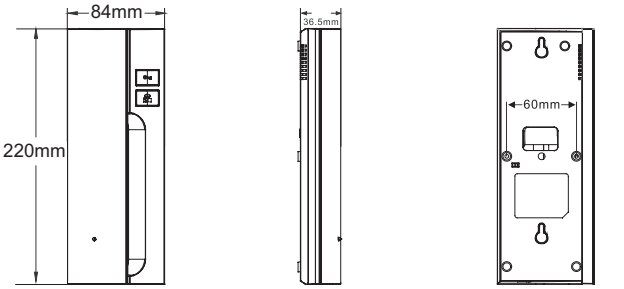
TECHNICAL SPECIFICATIONS

- Voltage: DC24V ± 10%
- Max Current: 100mA

FEATURES

- Subsidiary handset for use with 7" or 5" monitors
- 2 wire installation
- Intercommunications between stations
- Door/Gate lock connectivity

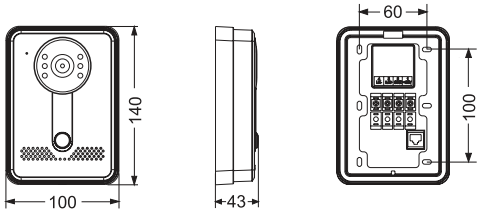
DIMENSIONS



Surface-mounted

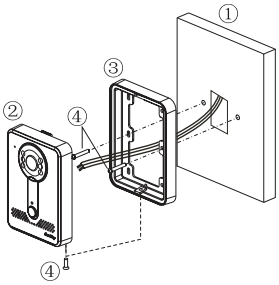
CAMERAS

SURFACE

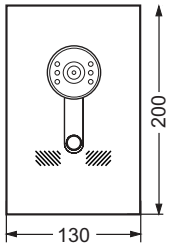


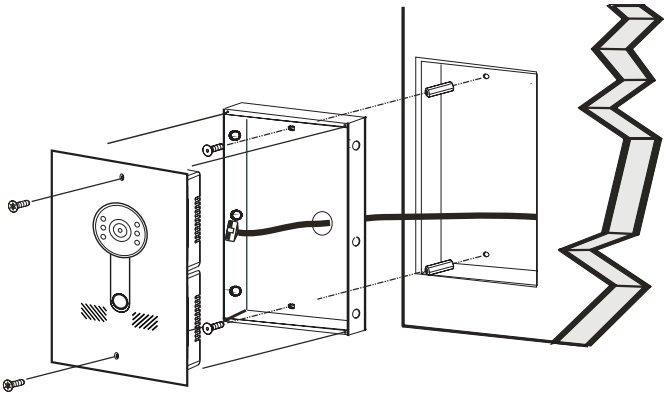
①Door/Wall
②Door station front
③Door station bracket
④Screw

Unit: mm

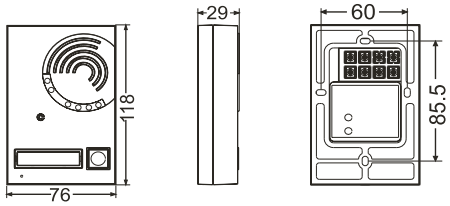


FLUSH



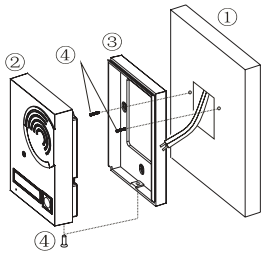


VANDAL



① Door/Wall
② Door station front
③ Door station bracket
④ Screw

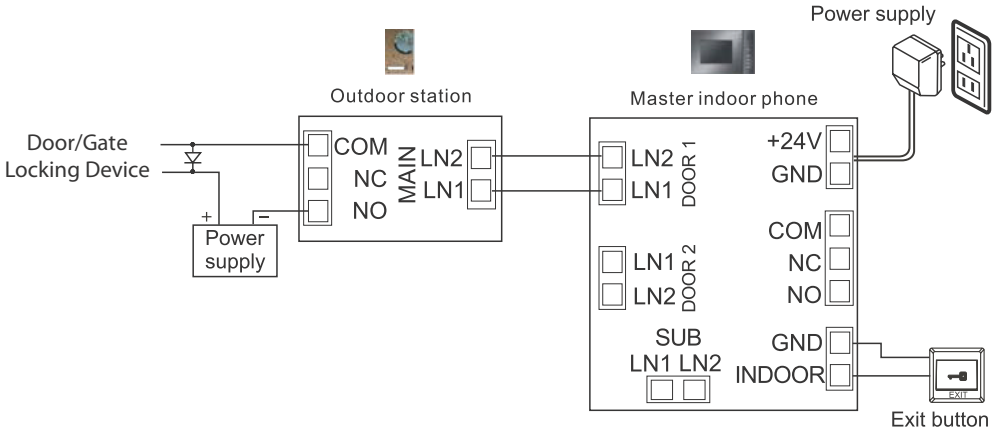
Unit: mm



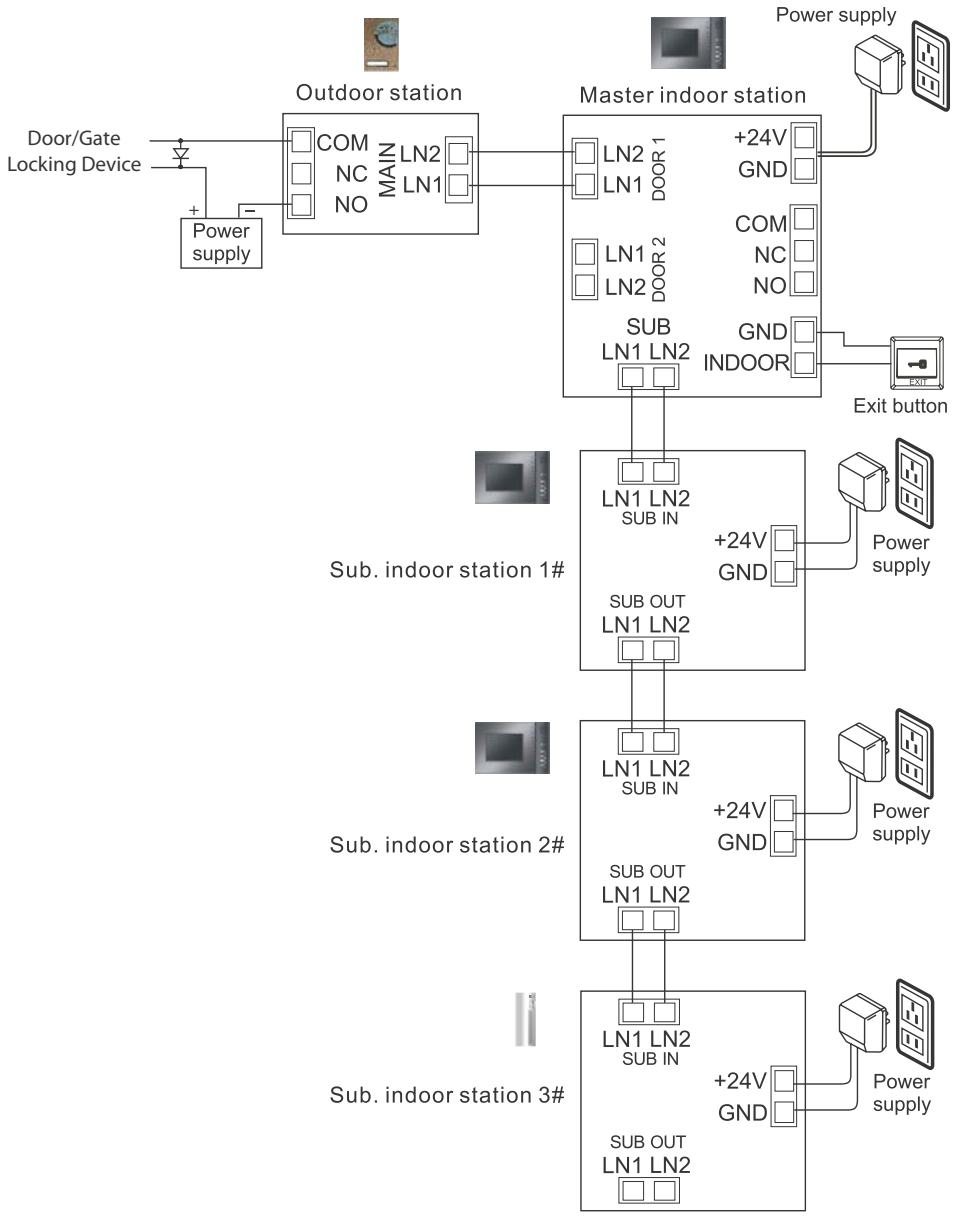
FEATURES

- LED Lights and light sensor on colour models for night time viewing
- Various Designs for all environments
- Relay Contacts NO/C/NC for door connectivity on front stations

If you want to connect 1 video outdoor station and 1 video indoor station,please refer to the diagram as follows.



If you want to connect multiple outdoor stations and multiple indoor stations, please refer to the diagram as follows.



DORANI VIDEO INTERCOM SYSTEMS
ACCESS CONTROL KEYPAD

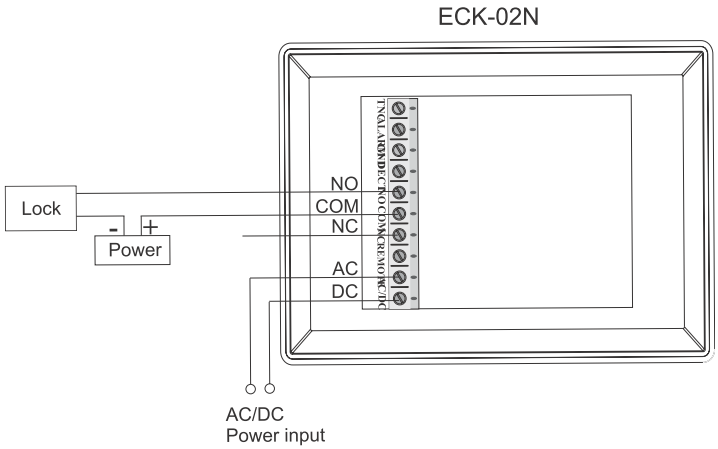
TECHNICAL SPECIFICATIONS

- AC/DC 12-18V
- Max Current: 80mA
- Relay Current 2 Amps

FEATURES

- Stand alone access control keypad
- 250 users
- Single NO/C/NC relay contacts
- 2-8 digit password length
- Dimesnsions 110h x 72w x 34d

CONNECTION DIAGRAM



DORANI VIDEO INTERCOM - 4 WIRE SERIES
7.0 COLOUR KIT

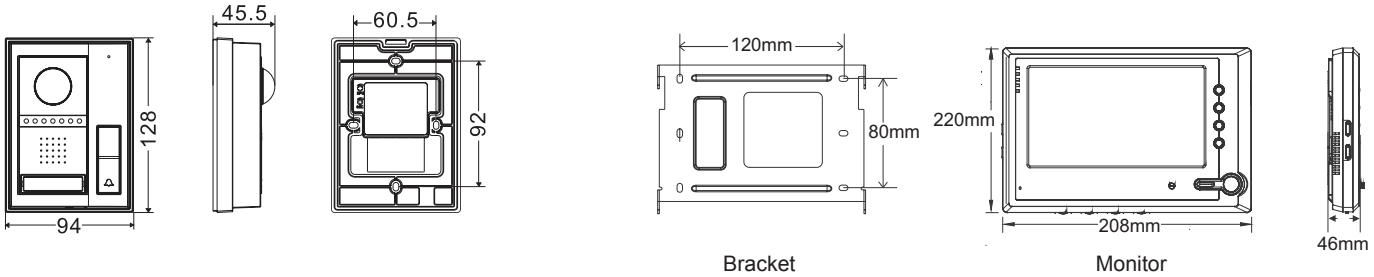
TECHNICAL SPECIFICATIONS

- 7"Colour TFT screen
- 480 x 234 lines
- Voltage: DC14V ± 10%
- Max Current: 700mA

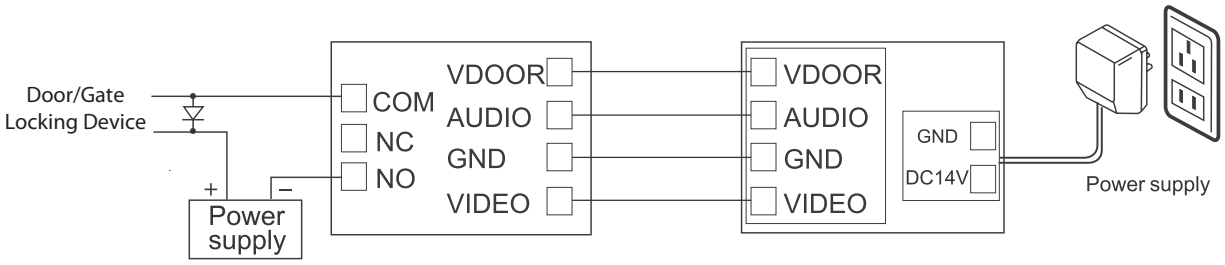
FEATURES

- 1 outdoor + 1 indoor station maximum
- Handsfree operation
- Door/Gate lock connectivity
- Door station monitoring
- Volume control/muting
- Brightness and contrast controls

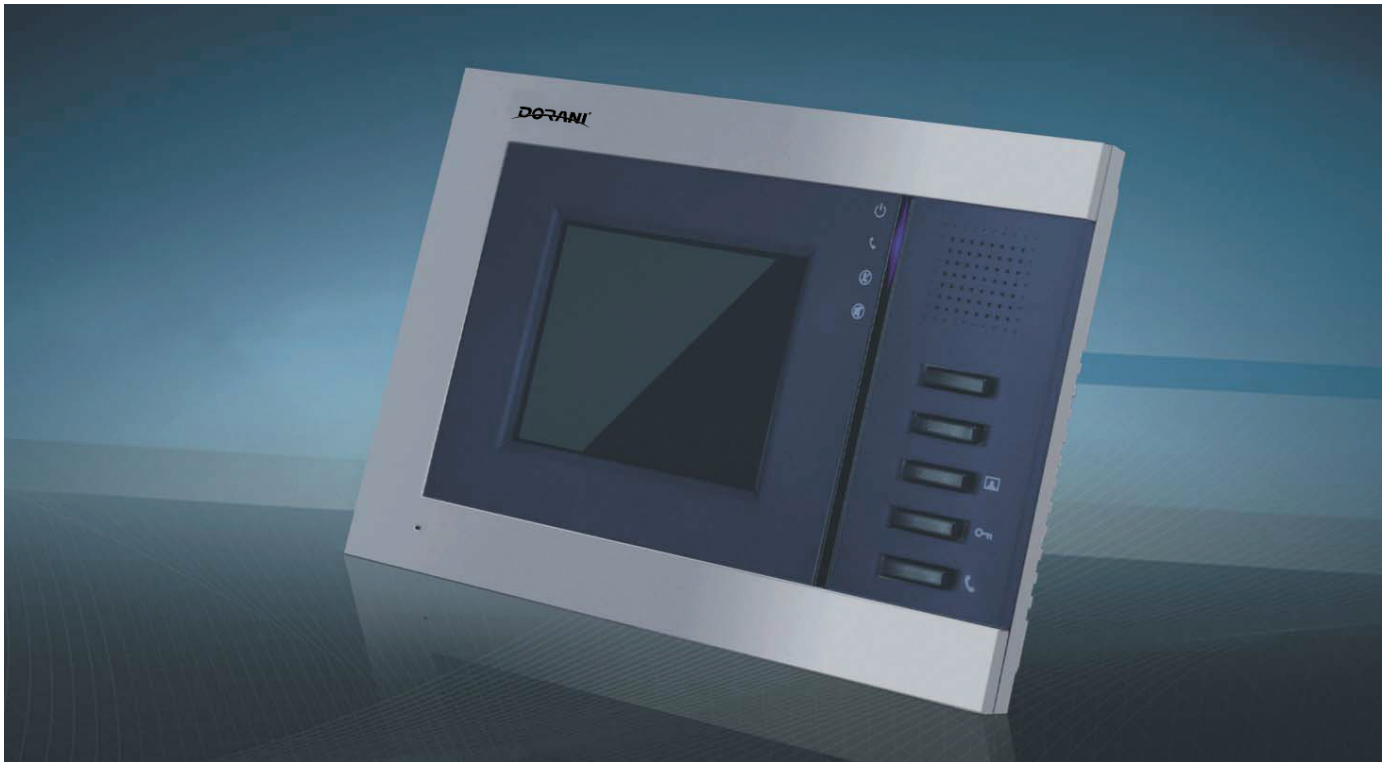
DIMENSIONS



CONNECTION DIAGRAM



DORANI VIDEO INTERCOM - 4 WIRE SERIES
BLACK AND WHITE 3.5”



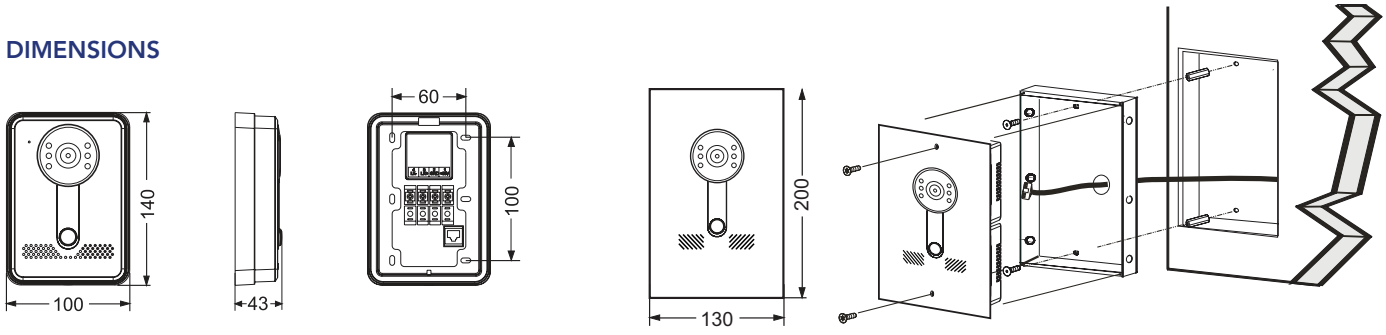
TECHNICAL SPECIFICATIONS

- 3.5” black and white screen
- 160 x 234 lines
- Voltage: DC14V ± 10%
- Max Current: 700mA

FEATURES

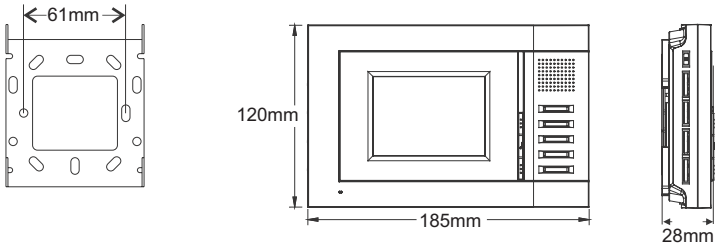
- Handsfree operation
- Expandable
  - 4 internal stations
  - 2 outdoor stations (with additional gateway device)
- Intercommunication between monitors
- Door/Gate lock connectivity
- Door station monitoring
- Volume control/muting
- Brightness and contrast control

DIMENSIONS



Surface Mount

Flush Mount

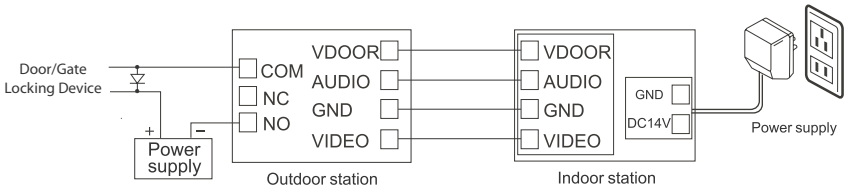


Bracket

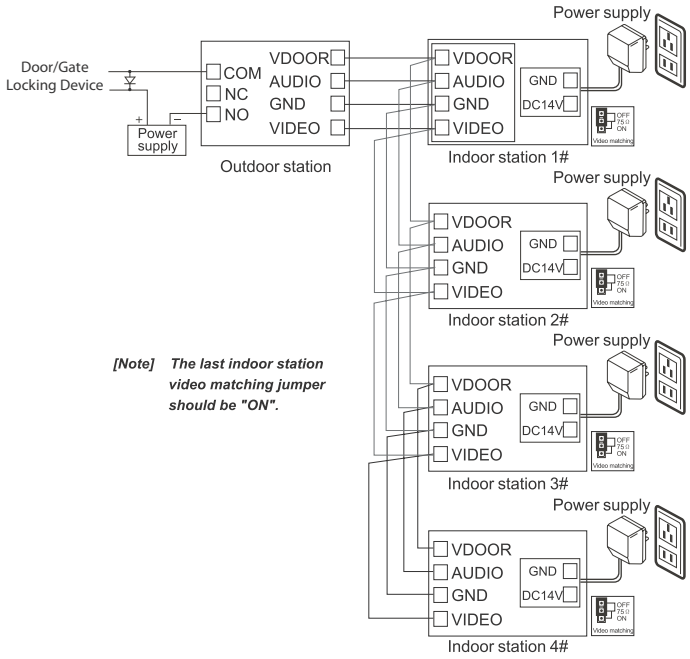
Monitor

BLACK AND WHITE CONNECTION DIAGRAMS

If you want to connect 1 outdoor station and 1 indoor station,please refer to the diagram as follows.

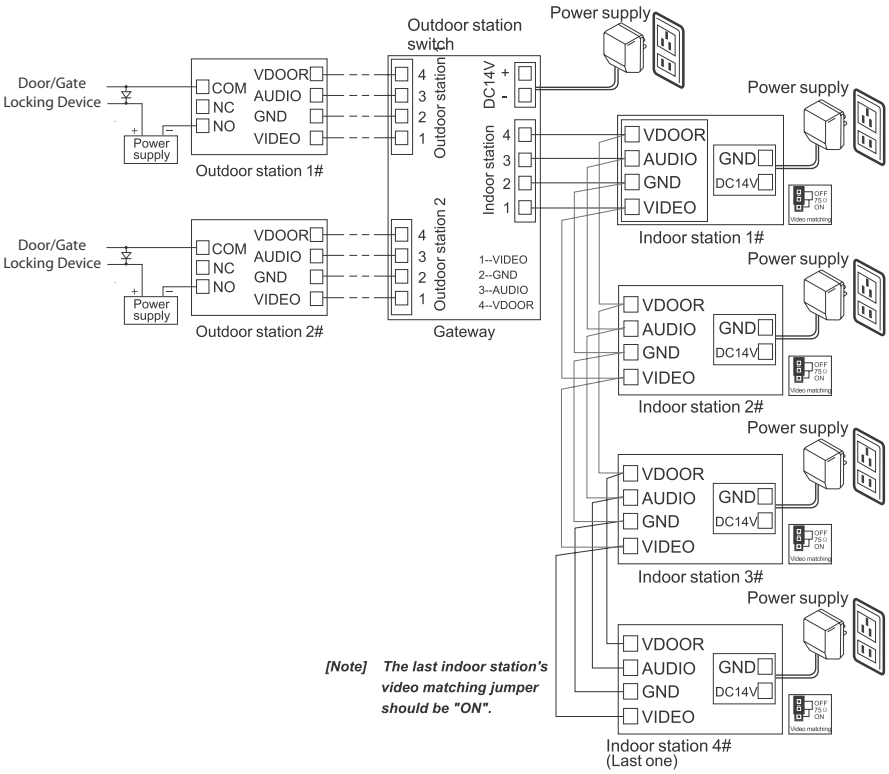


If you want to connect 1 outdoor station and multiple indoor stations, please refer to the diagram as follows.



[Note] The last indoor station video matching jumper should be "ON".

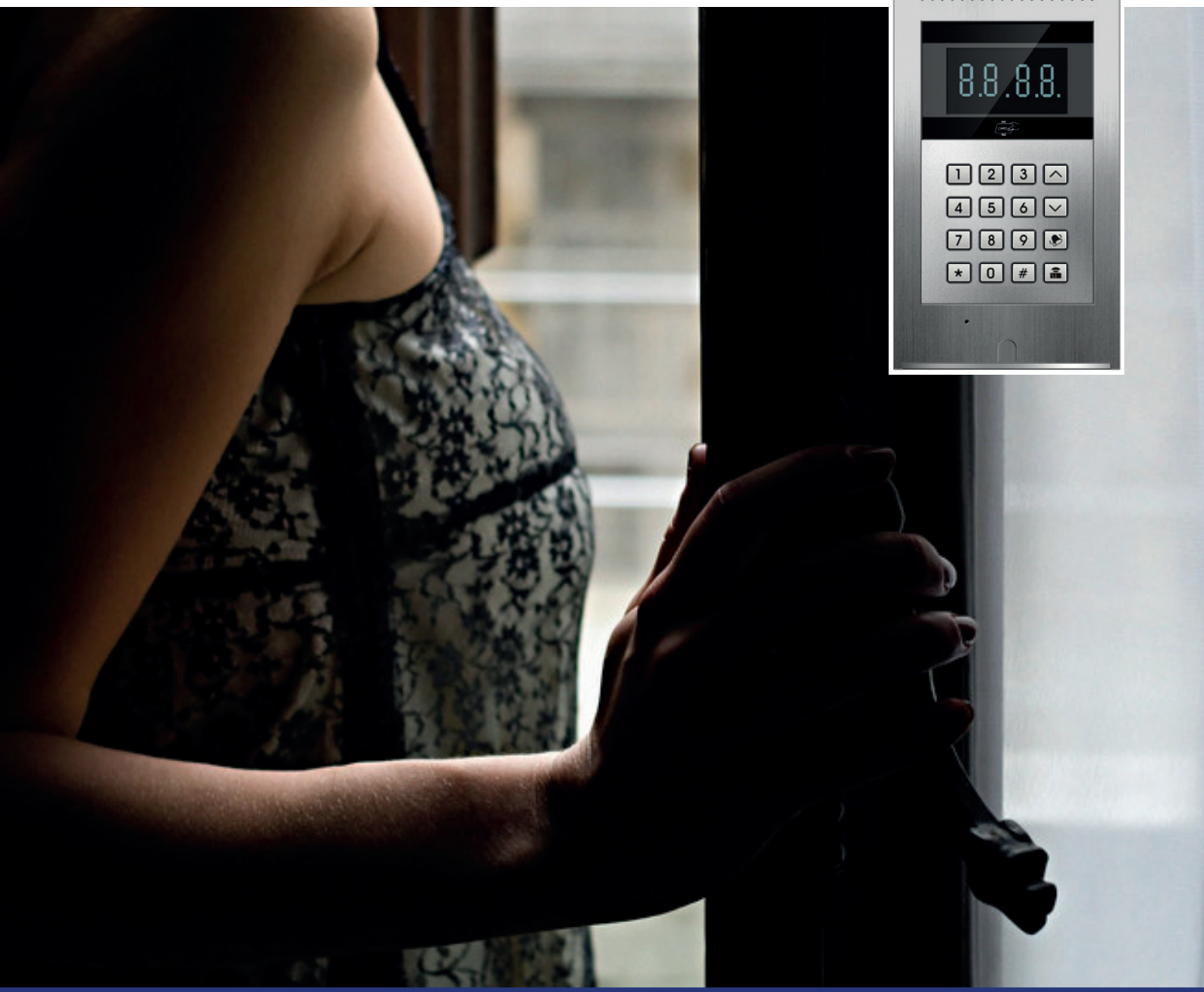
If you want to connect 2 outdoor stations and multiple indoor stations, please refer to the diagram as follows.



[Note] The last indoor station's video matching jumper should be "ON".

DORANI APARTMENT SERIES INTERCOM

C5 APARTMENT DIRECT CALL



AUDIO AND VIDEO INTERCOMS

DORANI C5 APARTMENT SERIES

Dorani C5 Apartment Intercom Systems are available in a choice of Colour, Black & White or Audio only with the same design and installation for all systems. The standardising of this creates simplicity for the tendering, design, installation and programming. Keeping the same backbone structure for Video, Audio or mixed apartment block also enables an ease of upgrade from Audio to Video for individual units. The Dorani C5 Apartment Series give you a stylish, professional, installer and user friendly intercom system for small and large applications.

- Capability of up to 1000 apartments
- Lift control capability
- RJ45 termination on monitors and modules
- Blue backlit display
- Built in prox reader
- Supports additional single entry door station
- Cat 5 Cable connectivity

DORANI AUDIO ENTRY STATION

The audio station provides your calling point to the internal handsets

- Vandal proof design for public areas
- Weather proof design
- Built in prox reader
- Suits commercial or residential applications
- Can be used as sub station for video systems
- Flush mounted
- Surface mount housing available

DORANI VIDEO ENTRY STATION

Dorani provides a stylish colour or black and white video door station for any apartment installation.

- High resolution colour or black and white entry panel
- IR illumination for low light areas
- Suits commercial or residential applications
- Door station can be flush or surface mounted
- Built in prox reader
- Vandal proof design for public areas
- Weatherproof design
- Flush mounted
- Surface mount housing available

DORANI C5 APARTMENT STATIONS

DORANI 3.5 INCH COLOUR MONITOR

This monitor provides a 3.5 inch viewing platform to your colour video entry panel.

DIMENSIONS

Width 182mm x Height 120mm x Depth 30mm

DORANI 5.0 INCH COLOUR MONITOR

This stylish 5.0 inch monitor provides a crisp, clear picture to your front colour video panel.

DIMENSIONS

Width 220mm x Height 150mm x Depth 30mm

DORANI 7.0 INCH COLOUR MONITOR

This stylish 7.0 inch monitor provides a crisp, clear picture to your front colour video panel.

DIMENSIONS

Width 220mm x Height 150mm x Depth 30mm

DORANI BLACK AND WHITE MONITOR

The monitor is designed to be viewed via the black and white door station. The monitor is available in modern grey and white

DIMENSIONS

Width 210mm x Height 220mm x Depth 50mm

DORANI AUDIO ONLY HANDSET

Slim modern design, the audio handset is used with the Dorani audio entry station or can be used in the video system as a secondary point.

DIMENSIONS

Width 210mm x Height 220mm x Depth 50mm

DORANI C5 APARTMENT MODULES

DORVC5-22

- Master gateway module **(4301)**
- Up to 2 door stations
- Creates audio and video distribution trunk line

DIMENSIONS

Width 160mm x Height 100mm x Depth 40mm

DORVC5-23

- Additional door gateway module **(4822)**
- Door station expander, additional ports allow the addition of door stations

DIMENSIONS

Width 160mm x Height 100mm x Depth 40mm

DORVC5-20

- 4 way distribution module **(4110)**
- Distributes audio and video signals to 4 separate apartments

DIMENSIONS

Width 160mm x Height 100mm x Depth 40mm

DORVC5-21

- Extra Monitor Module **(4110S)**
- Allows distribution of audio and video signals to 4 internal stations in the same apartment
- Connection port for local apartment door station

DIMENSIONS

Width 160mm x Height 100mm x Depth 40mm

DORVC5-31

- Lift Control/Relay Interface Module
- 16 x NO/C/NC Relay Contacts

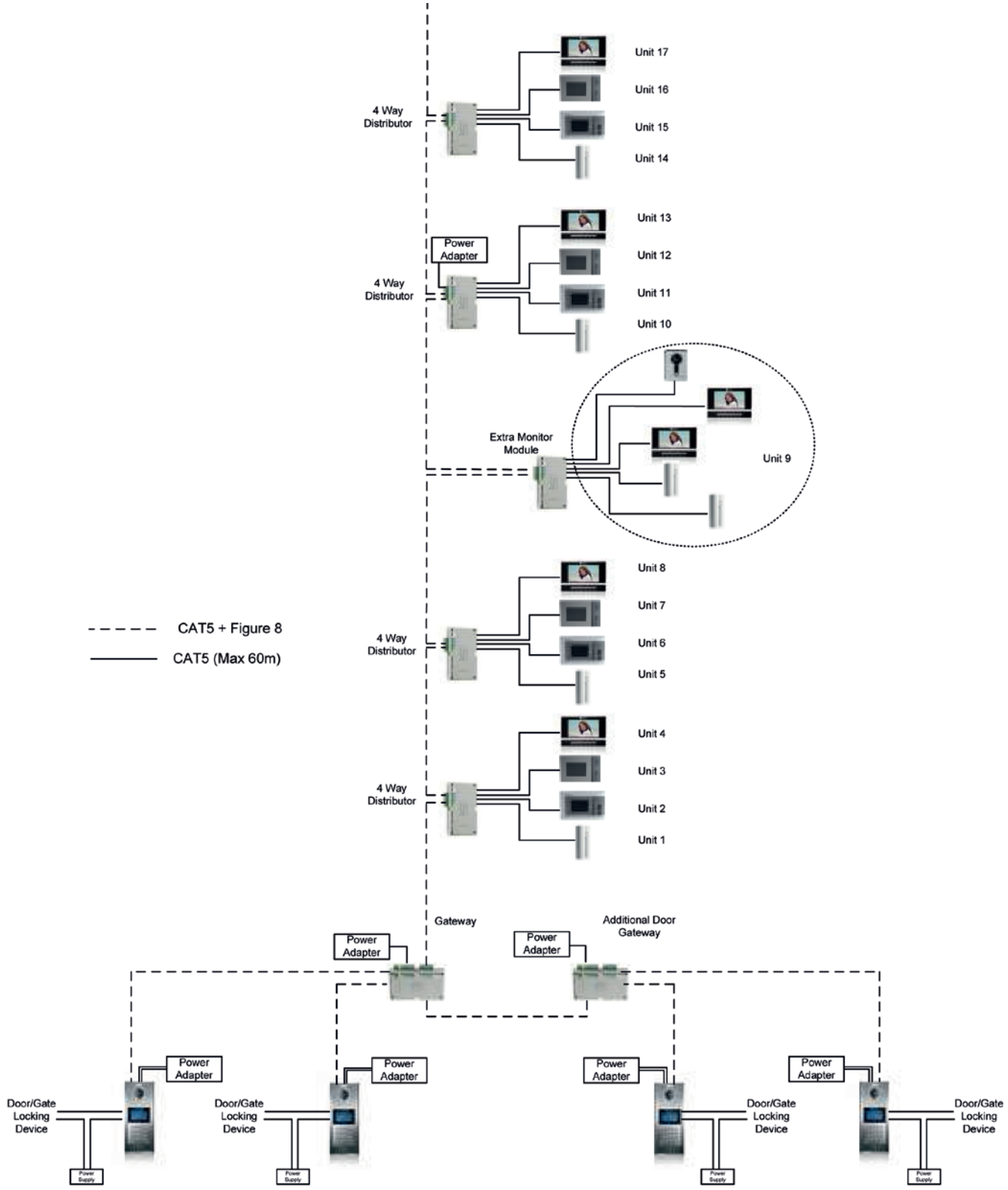
DIMENSIONS

Width 216mm x Height 110mm x Depth 45mm

DORVC5-25

- Proximity tag

DORANI C5 APARTMENT SYSTEM
BASIC WIRING DIAGRAM



AUDIO APARTMENT DIRECT CALL

Aluminium alloy panel for the outdoor stations present a stylish and simple to use appearance

TECHNICAL SPECIFICATIONS

- Aluminium alloy panel
- Voltage: DC12V ± 10%
- Max Current: 150mA

FEATURES

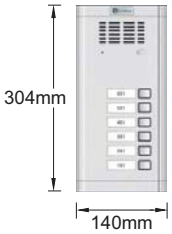
- Available in 2, 4, 6, 8, 10, 12, 16 button panels
- Simple 2 wire connectivity
- Weatherproof design
- 12V DC output on front door station
- Lock Connectivity
- Flush Mounted

REFERENCE

DORAA 202	2 Button Station
DORAA 204	4 Button Station
DORAA 206	6 Button Station
DORAA 208	8 Button Station
DORAA 212	12 Button Station
DORAA 216	16 Button Station

DIMENSIONS

DORAA 202
DORAA 204



DORAA 206
DORAA 208
DORAA 212
DORAA 216

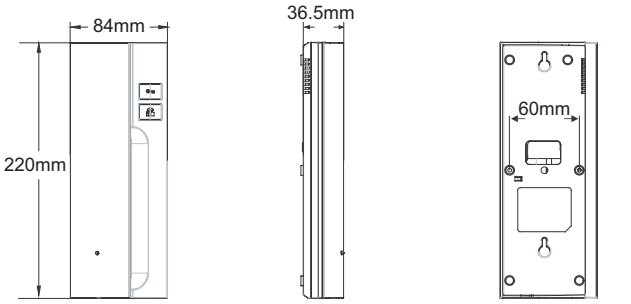
AUDIO APARTMENT DIRECT CALL 2 WIRE

TECHNICAL SPECIFICATIONS

Direct Call System

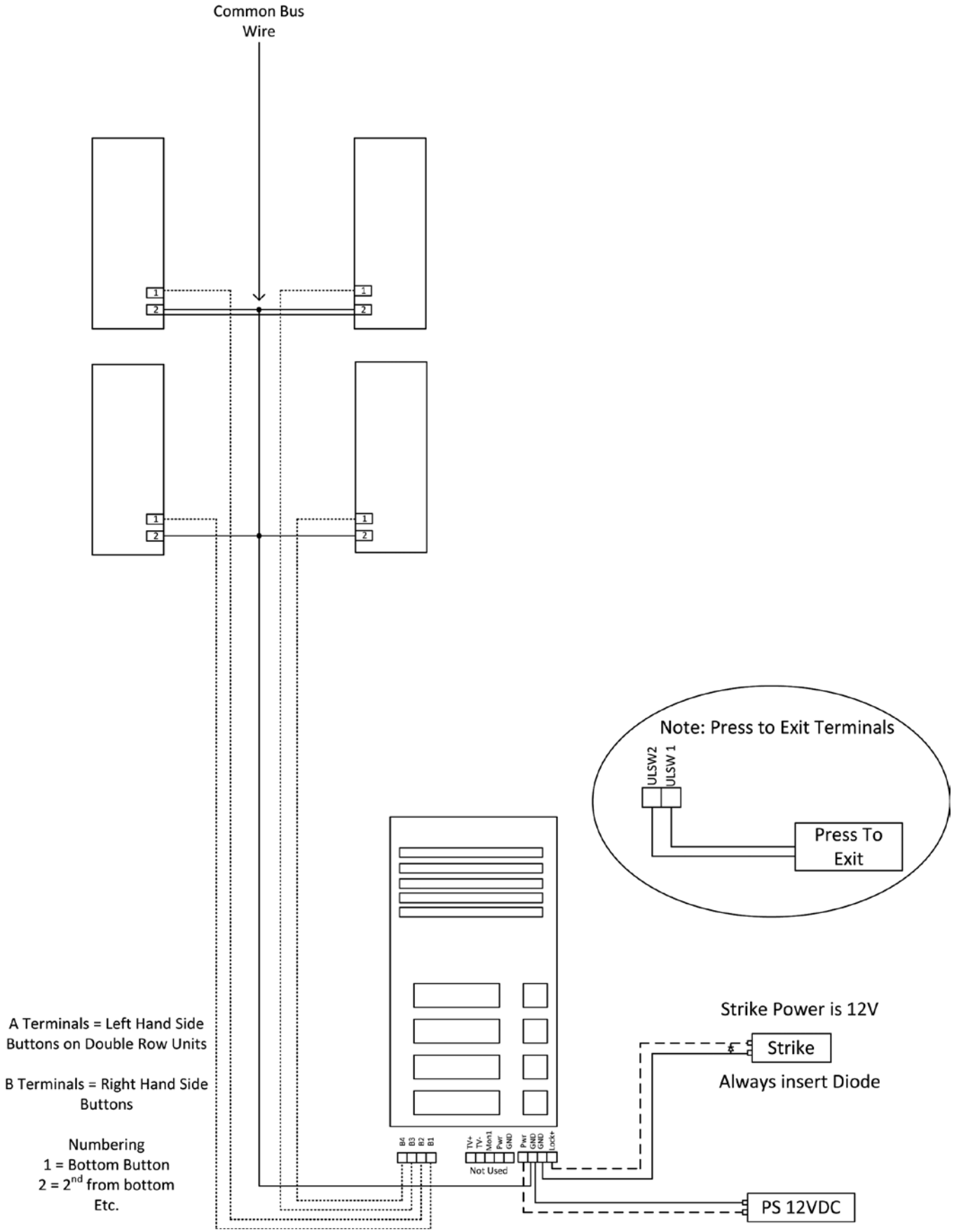
- Working Voltage: DC12V
- Current: 40MA Stand by, 100mA when on
- Environment Temperature: - 10-+55C
- Humidity : 10% - 95%

DIMENSION



Surface-mounted

AUDIO APARTMENT DIRECT CALL SERIES
CONNECTION DIAGRAM



CLIENT REFERENCE NOTES

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