



**SOUTHERN
CROSS
ELECTRONIC
SECURITY**

2EASY DH

digital system



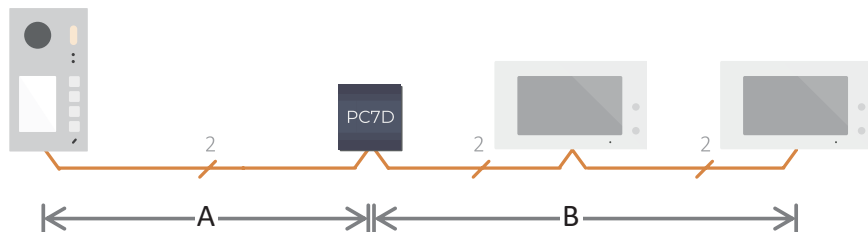
Contact: 1300 097 727
E: sales@symetrix.com.au





Typical Villa Topology

Up to 16 monitors 8 door stations



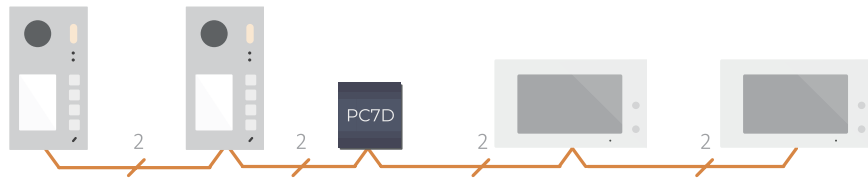
Cable Type	A	B	A+B*
2 x 0.75 mm ² Twisted Cable	65 Meters	100 Meters	200 Meters
2 x 1.00 mm ² Twisted Cable	75 Meters	120 Meters	220 Meters
UTP cable (4 + 4 Combine)	65 Meters	100 Meters	200 Meters

* Max distance limit, 1 door station with less than 2 monitors.

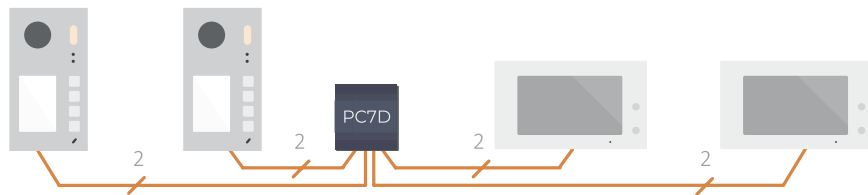


Villa Expanding Topology

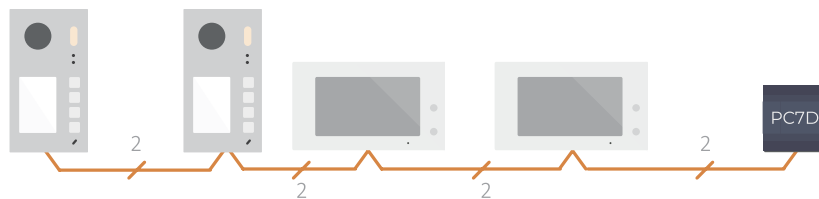
Extend door station up to 8 and monitor up to 16 with in-out



Extend door station up to 8 and monitor up to 16 with start



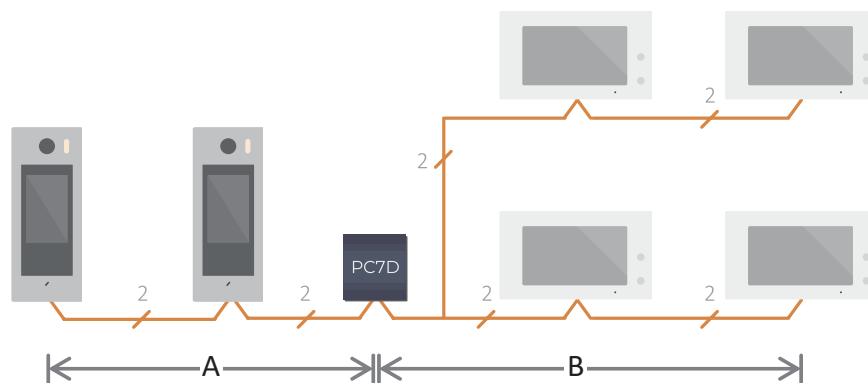
No installation position requires





Typical Apartment Topology

Up to 16 monitors 8 door stations

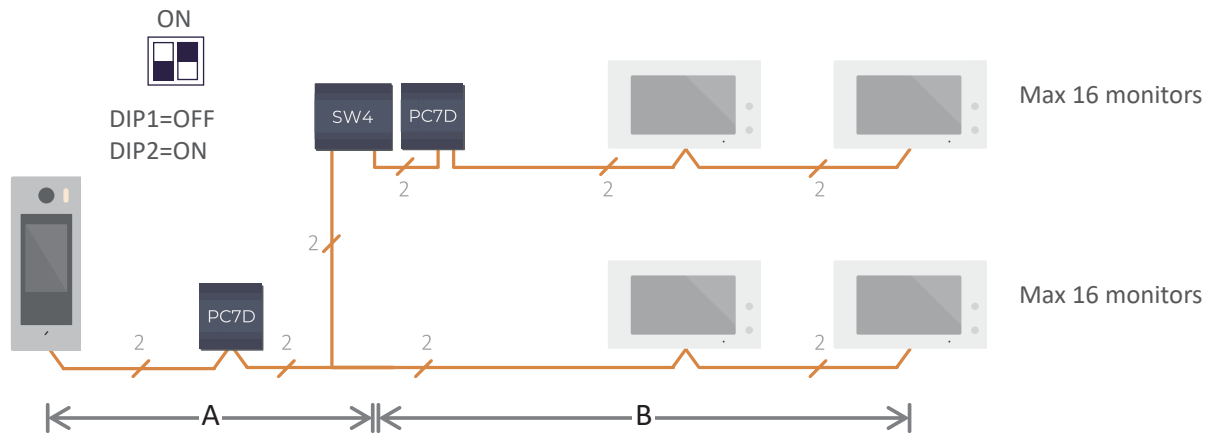


Cable Type	A	B	A+B*
2 x 0.75 mm ² Twisted Cable	60 Meters	90 Meters	200 Meters
2 x 1.00 mm ² Twisted Cable	75 Meters	100 Meters	220 Meters
UTP cable (4 + 4 Combine)	60 Meters	90 Meters	200 Meters

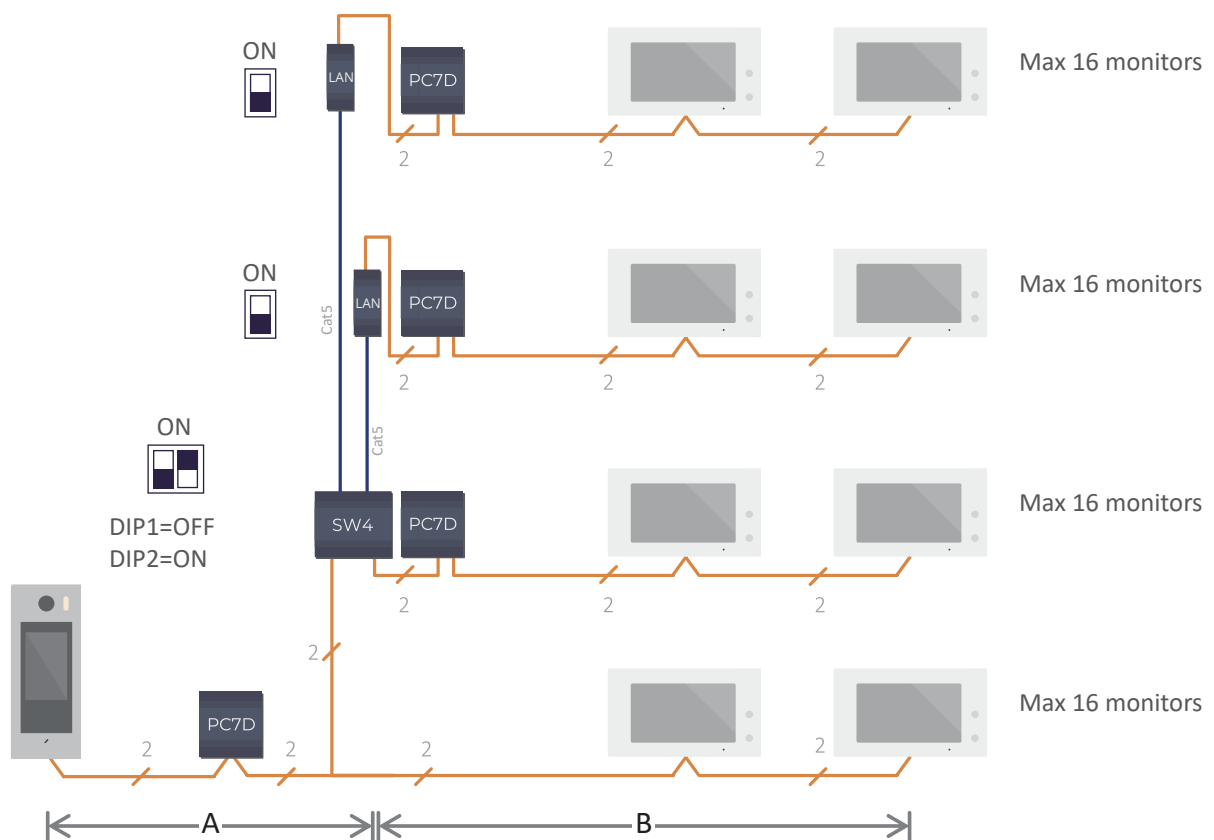
* Max distance limit, 1 door station with less than 10 monitors.



Up to 32 monitors



Up to 64 monitors





2Easy DH Door Station



DH611



DH622



DH850



DH821

Application



Single



Single to 4 family



Apartment to complex

Flexible all type of buildings

Camera

2MP

2MP

2MP

2MP

Video



Angle



Vertical 170°



Vertical 170°



Vertical 170°



Vertical 170°

Night vision



Start-light vision camera



Start-light vision camera



Start-light vision camera



Start-light vision camera

Weatherproof

IP54

IP54

IP54

IP54

Surface Mount



Stainless steel



Stainless steel



Zinc Alloy



Stainless steel

Flush Mounting



Stainless steel



Stainless steel



Stainless steel



Stainless steel

Display screen



Touch

Access control



Pin code



Card



Pin code



Card



Pin code



Card

2Easy DH Villa Door Station



DH611 MK

One button door station



Surface size: 18.2(H)*9.3(W)*4.3(D) cm
Flush size: 22.0(H)*12.0(W)*5.0(D) cm

- ◆ Stainless steel panel and keys
- ◆ Metal keypad with back lit
- ◆ Auto light up sensor for night view
- ◆ Talk and unlock status indicator
- ◆ Voice prompt
- ◆ Surface by rainy cover or flush mounting
- ◆ IP54 IK07 rate



DH611 KP

One button door station



Surface size: 18.2(H)*9.3(W)*4.3(D) cm
Flush size: 22.0(H)*12.0(W)*5.0(D) cm

- ◆ Stainless steel panel
- ◆ Metal keypad with back lit
- ◆ Auto light up sensor for night view
- ◆ Talk and unlock status indicator
- ◆ Voice prompt
- ◆ Surface by rainy cover or flush mounting
- ◆ IP54 IK07 rate





2Easy DH 1-4 Buttons Door Station



DH622

1-4 buttons door station



Surface size: 9.4(H)*17.7(W)*3.8(D) cm
Flush size: 12.0(H)*22.0(W)*5.6(D) cm

- ◆ Stainless steel panel
- ◆ Backlit nameplate with backlit stainless steel buttons
- ◆ 170 degree Starlight fisheye 2MP fisheye camera
- ◆ ID and IC card reader
- ◆ Voice prompt with talk and unlock LED
- ◆ IP54 IK07 rate



2Easy DH Apartment Door Station



DH850

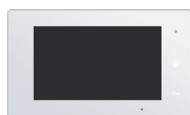
Touch screen door station



Surface size: 28.1(H)*11.0(W)*4.4(D) cm
Flush size: 31.6(H)*13.3(W)*4.6(D) cm

- ◆ Flush: Stainless steel, Surface ZMAC die cast
- ◆ 5-inch IPS touch screen.
- ◆ Integrated ID/IC card reader.
- ◆ 170 degree Starlight fisheye 2MP fisheye camera
- ◆ Voice prompt
- ◆ Easy replace main picture
- ◆ Radar approaching sensor for light up screen

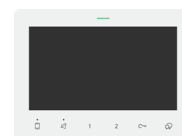




DH470



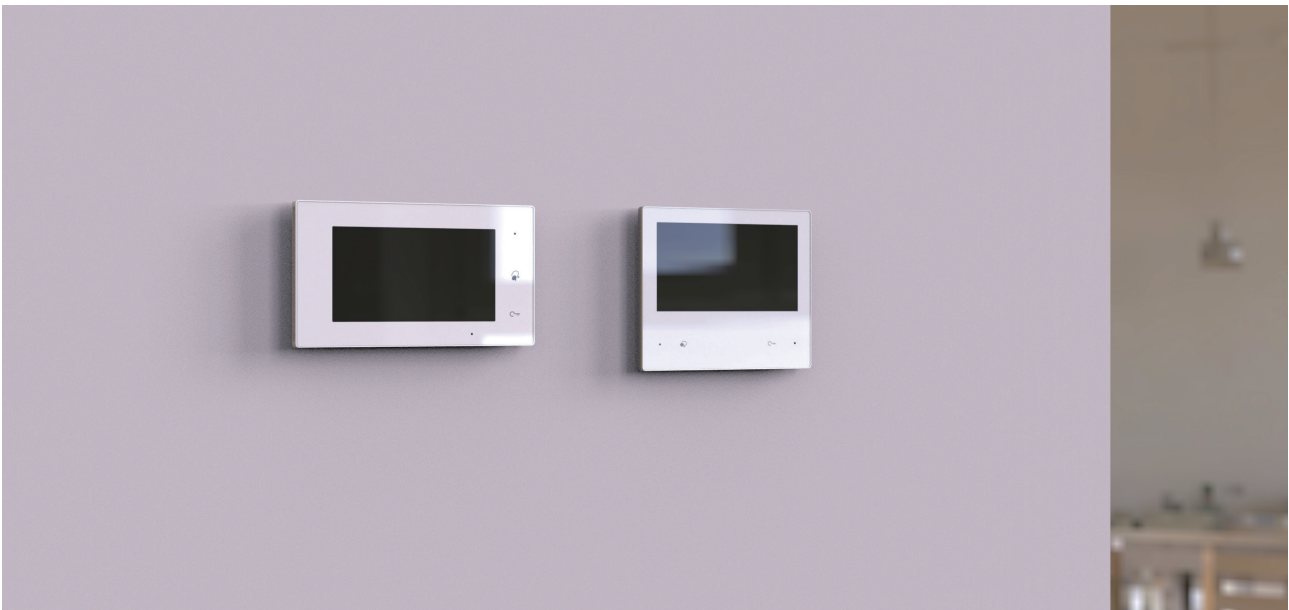
DH482



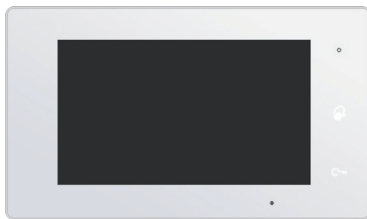
DH7G

Display	Touch	Touch	Touch
Glass surface	Glass	Glass	Glass
Video quality			
Wi-Fi connectivity			
APP remote call			
Video record			
Intercom call			
Inner call			
Extra ringer			
SD card			
Laminated screen			

2EASY DH Monitor



DH470



Size: 16.1(H)*17.4(W)*2.2(D) cm

- ◆ Wi-Fi connectivity for APP redirection
- ◆ Glass surface with 2 touch keys
- ◆ 7 Inch touch screen.
- ◆ Support doorbell input and external beeper
- ◆ Support ONVIF camera
- ◆ Dual camera PIP viewing.



DH482



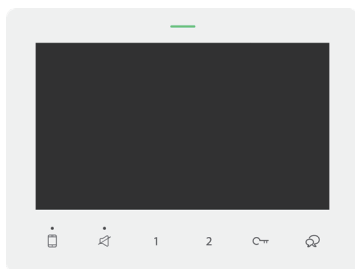
Size: 15.9(H)*18.5(W)*1.9(D) cm

- ◆ Wi-Fi connectivity for APP redirection
- ◆ Glass surface with 2 touch keys
- ◆ 7 Inch touch screen.
- ◆ Support doorbell input and external beeper
- ◆ Support ONVIF camera
- ◆ Dual camera PIP viewing.





DH7G



Size: 18.6(H)*13.9(W)*1.4(D) cm

- ◆ Wi-Fi connectivity for APP redirection
- ◆ Glass surface with 2 touch keys
- ◆ 7 Inch touch screen
- ◆ Support doorbell input
- ◆ Support ONVIF camera
- ◆ Dual camera PIP viewing
- ◆ Slim design



2EASY DH Villa Door Stations



One button villa door station

Model No.	Size	Description
DH611/KP	18.2(H)*9.3(W)*4.3(D) cm	Door Station, 170 degree fisheye camera, touch glass pin pad, stainless steel surface, IP54
DH611C/KP	18.2(H)*9.3(W)*4.3(D) cm	Door Station, 170 degree fisheye camera, touch glass pin pad, stainless steel surface, IP54
DH611/MK	18.2(H)*9.3(W)*4.3(D) cm	Door Station, 170 degree fisheye camera, mechanical pin pad, stainless steel surface, IP54
DH611C/MK	18.2(H)*9.3(W)*4.3(D) cm	Door Station, 170 degree fisheye camera, mechanical pin pad, stainless steel surface, IP54

One button villa door station



Model No.	Size	Description
DH611F/KP	22.0(H)*12.0(W)*5.0(D) cm	Stainless steel, 170 degree fisheye camera, touch glass pin pad, stainless steel surface, IP54
DH611CF/KP	22.0(H)*12.0(W)*5.0(D) cm	Stainless steel, 170 degree fisheye camera, touch glass pin pad, stainless steel surface, IP54
DH611F/MK	22.0(H)*12.0(W)*5.0(D) cm	Stainless steel, 170 degree fisheye camera, mechanical pin pad, stainless steel surface, IP54
DH611CF/MK	22.0(H)*12.0(W)*5.0(D) cm	Stainless steel, 170 degree fisheye camera, mechanical pin pad, stainless steel surface, IP54



2Easy DH Multi Family Door Station



1-4 buttons multi family door station

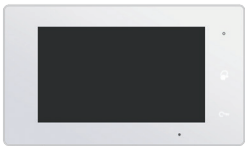


Model No.	Size	Description
DH622	9.4(H)*17.7(W)*3.8(D) cm	Stainless steel, 170 degree fisheye camera, 1-4 buttons, IP54, RFID card reader, surface, IP54
DH622F	12.0(H)*22.0(W)*5.6(D) cm	Stainless steel, 170 degree fisheye camera, 1-4 buttons, IP54, RFID card reader, flush, IP54

Multi family/ Apartment door station



Model No.	Size	Description
DH850P	28.1(H)*11.0(W)*4.4(D) cm	Zinc alloy, 170 degree fisheye camera, 1-4 buttons, IP54, RFID card reader, 5 inch touch screen, surface IP54
DH850PF	31.6(H)*13.3(W)*4.6(D) cm	Stainless, 170 degree fisheye camera, 1-4 buttons, IP54, RFID card reader, 5 inch touch screen, flush IP54



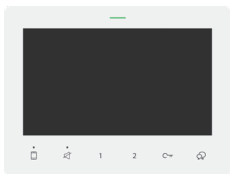
Video Wi-Fi Monitor 7"

Model No.	Size	Description
DH470	16.1(H)*17.4(W)*2.2(D) cm	7 inch TFT,with touch screen,IPS screen, Wi-Fi,glass panel
DH470SE	16.1(H)*17.4(W)*2.2(D) cm	7 inch TFT,with touch screen,IPS screen, glass panel



Video Wi-Fi Monitor 7"

Model No.	Size	Description
DH482	15.9(H)*18.5(W)*1.9(D) cm	7 inch TFT,with touch screen, IPS screen, Wi-Fi, glass panel
DH482SE	15.9(H)*18.5(W)*1.9(D) cm	7 inch TFT,with touch screen, glass panel



Video Wi-Fi Monitor 7"

Model No.	Size	Description
DH7G	18.6(H)*13.9(W)*1.4(D) cm	7 inch TFT,with 6 touch keys,glass panel,white



Power Supply (Villa)



Model No.	Size	Description
PC9	8.9(H)*7.0(W)*5.9(D) cm	Power combo (include power separator), 28VDC 1.3A output,4 din rail,CE,CB,UKCA

Power Supply (Apartment application)



Model No.	Size	Description
PC9D	8.9(H)*7.0(W)*5.9(D) cm	Power combo (include power separator), 28VDC 2.1A output,4 din rail,CE

Power Supply (Apartment application)



Model No.	Size	Description
PC7D	8.9(H)*8.8(W)*5.9(D) cm	Power combo (include power separator), 24VDC 2.5A output,5 din rail,CE,CB,UKCA

Power Supply (power sparator)



Model No.	Size	Description
DH-DPS(V2)	8.9(H)*3.5(W)*5.9(D) cm	Power separator,2 din rail

2Easy DH System Devices



Short circuit protection brancher



Model No.	Size	Description
DH-BC4	8.9(H)*3.5(W)*5.9(D) cm	Short circuit protection 4 channel brancher, 2 din rail

IP Cat5 Convertor



Model No.	Size	Description
DH-LAN	8.9(H)*3.5(W)*5.9(D) cm	IP camera or cable internet interface, 2 din rail

Relay Controller



Model No.	Size	Description
DH-RL1	8.9(H)*3.5(W)*5.9(D) cm	1st/2nd door station relay controller, 2 din rail

System capacity/distance extender



Model No.	Size	Description
DH-SW4	8.9(H)*10.5(W)*5.9(D) cm	Extend 2Easy DH system capacity, 4 branch/riser, 6 din rail

Modular

door station





Build up your own door station

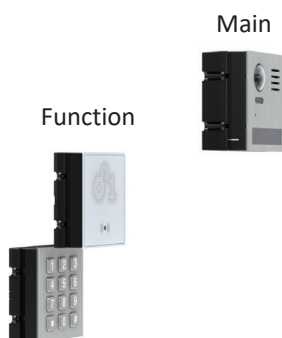
1. According to system select main module and functions requires select functions modules
2. According to module slots and mount type, select the mount box and frame

Surface Mount

Mount box



Modulars



Frame

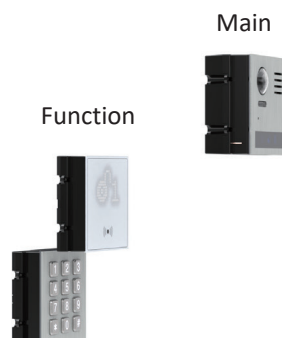


Flush Mount

Mount box



Modulars



Frame





These modules can be used with 2Easy DT system

Main module

Video intercom module



Model No.

821/VD

Description

The primary module controls the communication with the system, each modular door station requires one primary module.

- Support max 12V 250mA lock without lock power.
- Support DT-RLC accessory for 2nd lock.
- Fisheye camera 175 vertical angle.
- Auto night LED.

Audio intercom module



Model No.

821/AD

Description

The primary module controls the communication with the system, each modular door station requires one primary module.

- 3 LEDs for status: in calling, talking, and unlock.
- Support max 12V 250mA lock without lock power.
- Support DT-RLC accessory for 2nd lock.

Function module

Display module



Model No.

821/TFT

Description

The 3 inch display modules provide personalized message, name list, code and number can be read.

- 3 touch buttons for navigate name list and call
- Support max 12V 250mA lock without lock power.
- Support DT-RLC accessory for 2nd lock.



Touch screen module



Model No.

Description

821/T5

The 5 inch display modules provide personalized message, name list, keypad for calling/password unlock and RFID card reader

- 5 inch touch screen
- Namelist and number calling
- Self manger password
- Support Mifare and RFID cards, up to 500 cards

Touch screen module



Model No.

Description

821/LB

Info module to show write or print information for visitors or residents

- Backlit for night reading.

Fingerprint module



Model No.

Description

821/FP

The fingerprint module is for access control, to opening the door using the fingerprint.

- Backlit ring LED indicate the scanner
- Support up to 200 fingerprints.
- Manage fingerprint via master fingerprint without PC



These modules can be used with 2Easy DH system

Main module

Video intercom module



Model No.

DH821/VD

Description

The primary module controls the communication with the system, each modular door station requires one primary module.

- 2 LEDs for status: Calling and unlock
- Support max 12V 250mA lock without lock power.
- Support DH-RL1 accessory for 2nd lock.
- Star night vision 2MP fisheye camera 175 vertical.
- Integrate card reader support RFID cards.



These modules can be used with both 2Easy DT and 2Easy DH system

Function module

Mechanical call buttons



821/M4

1 – 4 push buttons for press to calling with a backlit nameplate.



821/M3

· Stainless steel mechanical single row buttons.

· Buttons with back lit easy to see in the night.

· Backlit ensures clear nameplate in the night.

· Front replace nameplate no need to open door station.



821/M6

6/8 push buttons for press to calling with a backlit nameplate.

· Stainless steel mechanical single row buttons.

· Buttons with back lit easy to see in the night.

· Backlit ensures clear nameplate in the night.

· Front replace nameplate no need to open door station.



821/M8

Letter box doorbell module



821/K8

Connect to letter box doorbell button as calling push buttons for visitor

· Each module support 8 doorbell buttons.

· Up to 64 buttons, (8 modules)

· Small size module



Mechanical keypad



Model No.

Description

821/MK

Mechanical keypad for make a call and unlock the door station.

- Stainless steel push buttons
- Enable opening door using numerical password.
- Call to resistant with room number or address.
- Backlit easy to see numbers in the night.

Card reader with Dot matrix display



Model No.

Description

821/DR

Dot matrix LED display with card reader

- 16*24 384 dots LED display.
- Display for calling, setups, and door release.
- Support Mifare and RFID cards.

Blank module



Model No.

Description

821/BL

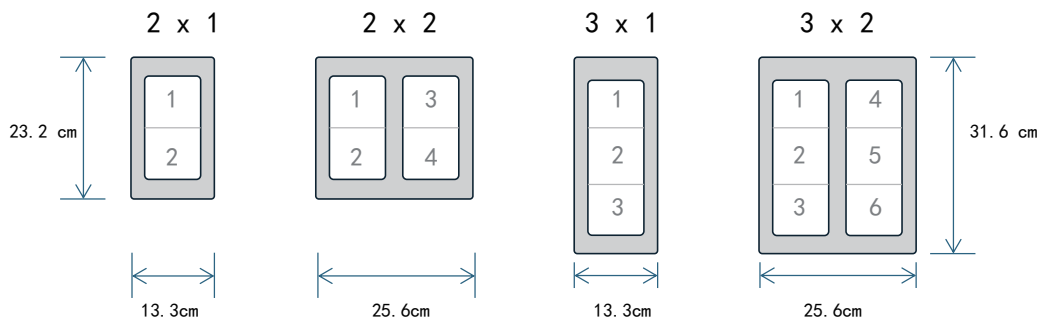
Blank module for laser print information or for future function module replacement.

- Stainless steel
- With anti-fingerprint coating.

Frame And Mount Box



Frame and mount box come by set, with below configuration.



Cover frame,size 1/2 (DT821 series)



Model No.	Description
821S-2X1	Cover frame, 2-module, size 1/2, stainless steel,with surface rain hood,aluminium
821F-2X1	Cover frame, 2-module, size 1/2, stainless steel,with flush mounted box,iron

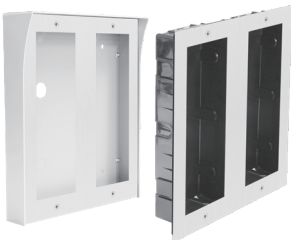


821S-2X2	Cover frame, 4-module, size 2/2, stainless steel,with surface rain hood,aluminium
821F-2X2	Cover frame, 4-module, size 2/2, stainless steel,with flush mounted box,iron

Cover frame,size 1/3 (DT821 series)



Model No.	Description
821S-3X1	Cover frame, 3-module, size 1/3, stainless steel,with surface rain hood,aluminium
821F-3X1	Cover frame, 3-module, size 1/3, stainless steel,with flush mounted box,plastic



821S-3X2	Cover frame, 6-module, size 2/3, stainless steel,with surface rain hood,aluminium
821F-3X2	Cover frame, 6-module, size 2/3, stainless steel,with flush mounted box,plastic

2EASY DH

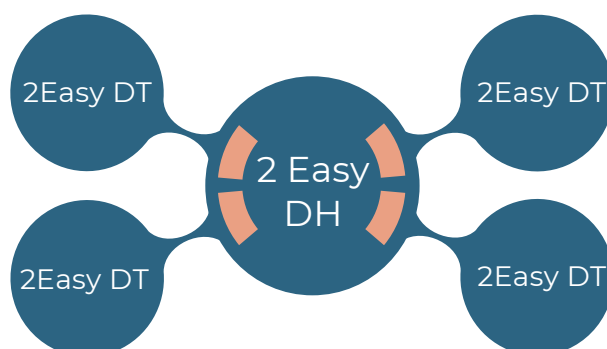
hybrid system





Why 2Easy Hybrid

Use the 2Easy DH door station and accessories to expand the 2Easy DT's capacity and functionality in a cost-effective way.



Large capacity



- ◆ Support max 256 2Easy DT monitors
- ◆ Support max 8 door stations

DT Compatible



- ◆ Compatible with 2Easy DT monitors and distributors
- ◆ Update/modify your project with 2Easy DH Hybrid system

Video Recordings



- ◆ System provide video memory storage for each monitor and review on monitor.

APP Direct Callings



- ◆ 2wire cable communication ensure every calling will be transmitting.
- ◆ Connect system to internet via DH-LAN get APP direct

Cost effective



- ◆ Bring DT/DF monitors with APP divert and memory, cost down compared with IP system.

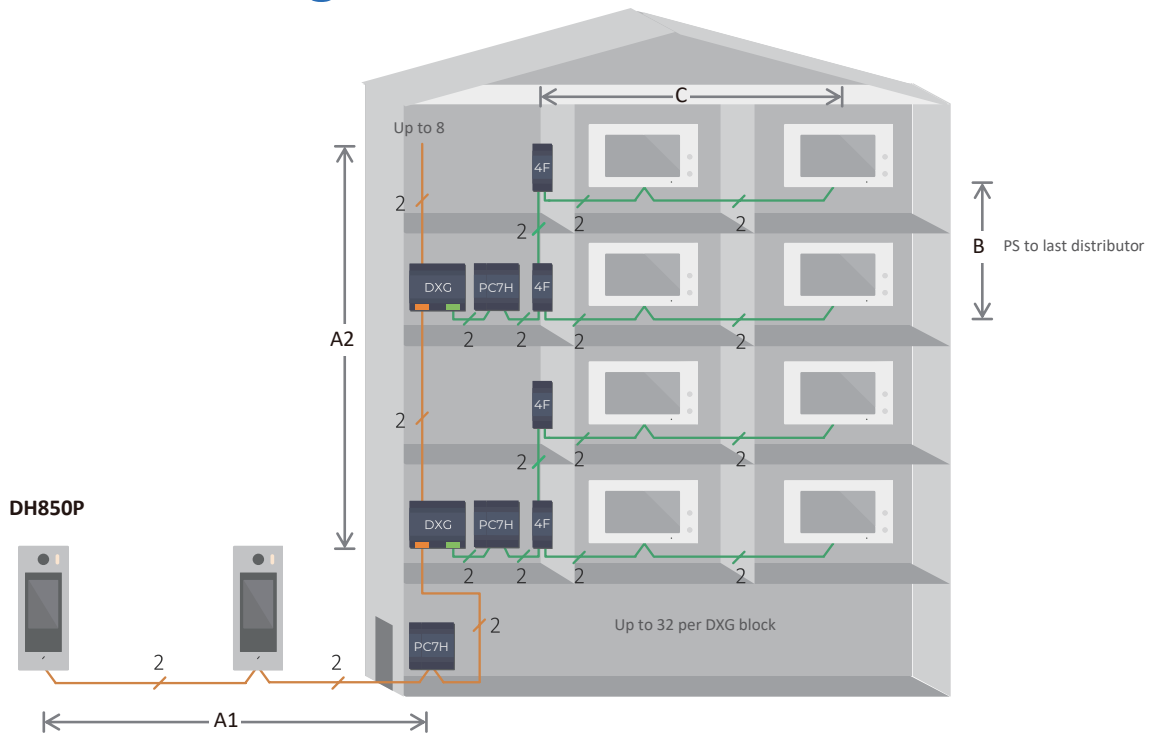
Easy config



- ◆ Installer friendly setup, no need IP knowledge.
- ◆ Manage all setting on DH850P no PC requires.



Typical building connection



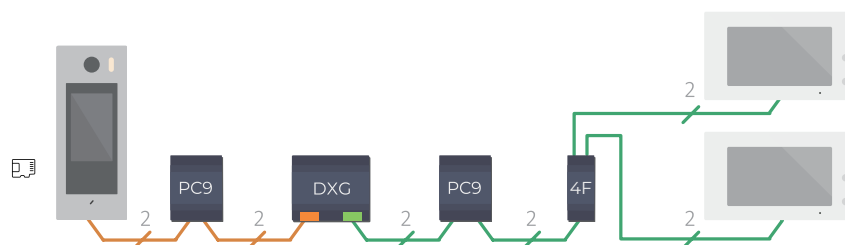
Segment	2 Wire Digital		2 Wire Analog	
	A1	A1+A2	B	C
2x0.50 mm ² Twisted	40 Meters	160 Meters	40 Meters	20 Meters
2 x 0.75 mm ² Twisted	60 Meters	200 Meters	60 Meters	30 Meters
2 x 1.00 mm ² Twisted	70 Meters	200 Meters	65 Meters	35 Meters
CAT5 (Combine)	60 Meters	200 Meters	30 Meters	20 Meters

Function Expand



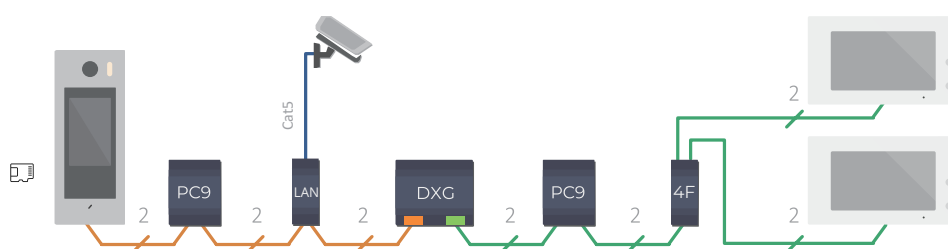
Video recording

When an SD card is inserted into the DH850P, it allocates memory for each 2Easy DT monitor. Even if the DT monitor is a basic model, it can access and review its own video recordings.



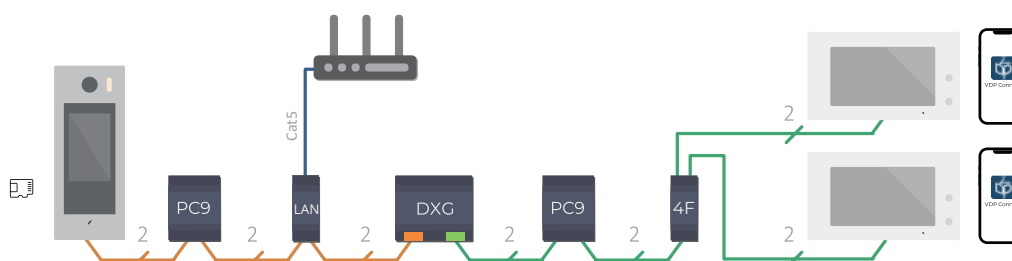
IP camera

The new DXG module supports more ONVIF H.264 IP cameras, expanding the viewing options for the door entry system and allowing users to switch views during a call. Connect IP cameras via the DH-LAN module.



APP redirection

2Easy DH hybrid solution use only 1 DH-LAN providing up to 256 monitors with APP redirection functions, not only for 2Easy DT monitors, but also support 2Easy DT audio units.





Devices for 2Easy DH Hybrid System



Door Station



DH850P



DH821

Key accessory

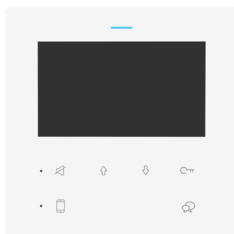


DH-DXG

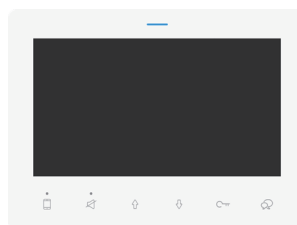


DH-IXG*

Monitor



DF4



DF7

Other 2Easy DT monitors or
audio units

Module



DH-LAN



DH-RL1

Power supply and distributors

* IXG is a CAT5 cable version of DXG.

