

**2EASY DH**

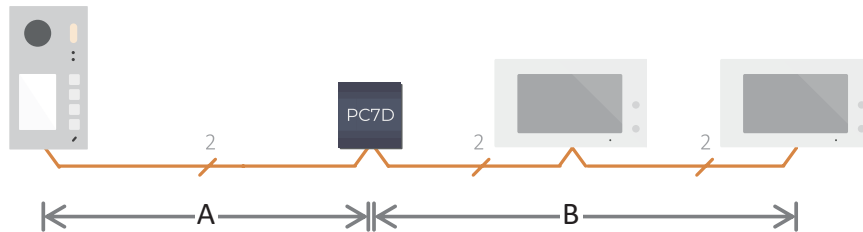
**digital system**





## Typical Villa Topology

Up to 16 monitors 8 door stations



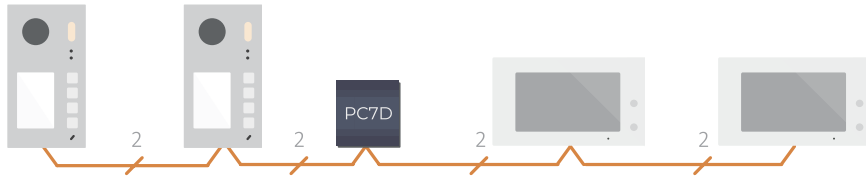
Cable Type	A	B	A+B*
2 x 0.75 mm <sup>2</sup> Twisted Cable	65 Meters	100 Meters	200 Meters
2 x 1.00 mm <sup>2</sup> Twisted Cable	75 Meters	120 Meters	220 Meters
UTP cable (4 + 4 Combine)	65 Meters	100 Meters	200 Meters

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

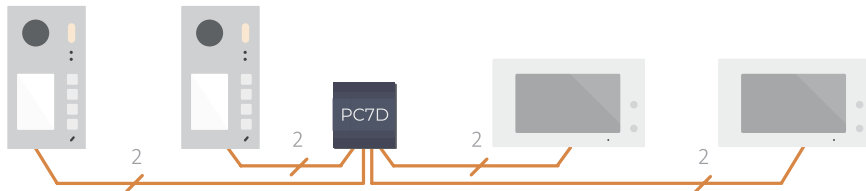


# Villa Expanding Topology

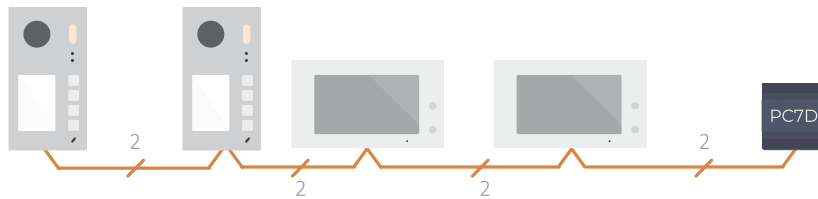
Extend door station up to 8 and monitor up to 16 with in-out



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



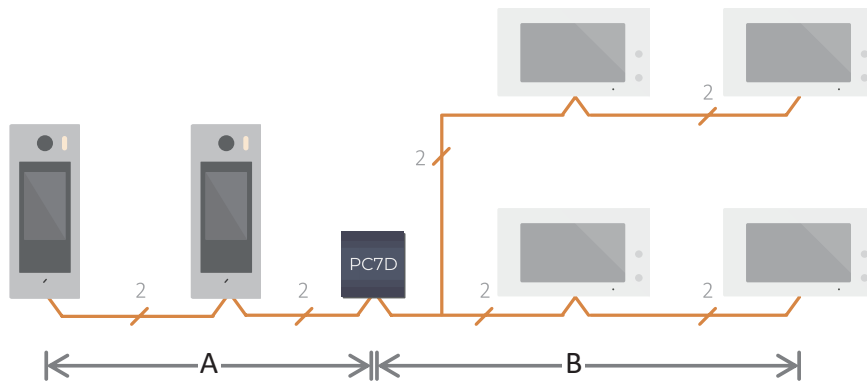
No installation position requires





## Typical Apartment Topology

Up to 16 monitors 8 door stations

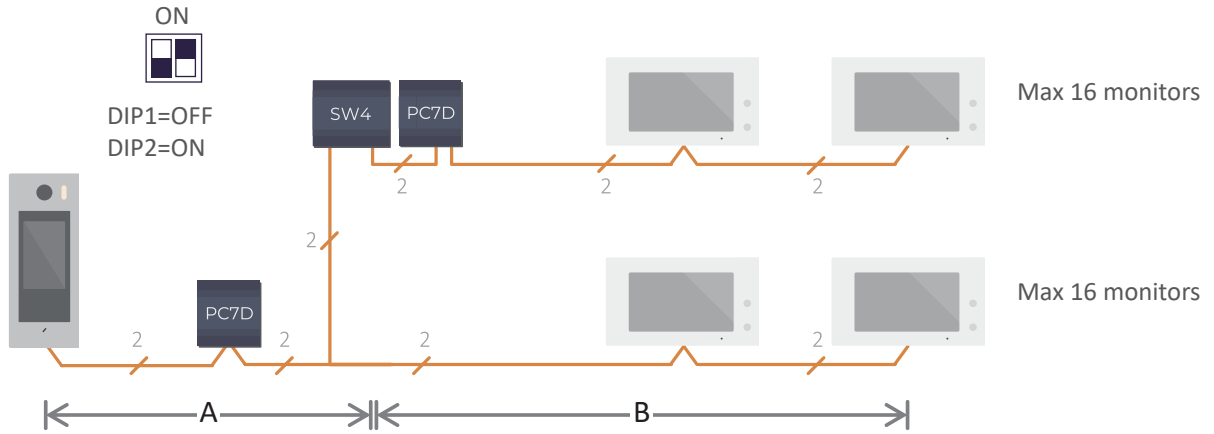


Cable Type	A	B	A+B*
2 x 0.75 mm <sup>2</sup> Twisted Cable	60 Meters	90 Meters	200 Meters
2 x 1.00 mm <sup>2</sup> Twisted Cable	75 Meters	100 Meters	220 Meters
UTP cable (4 + 4 Combine)	60 Meters	90 Meters	200 Meters

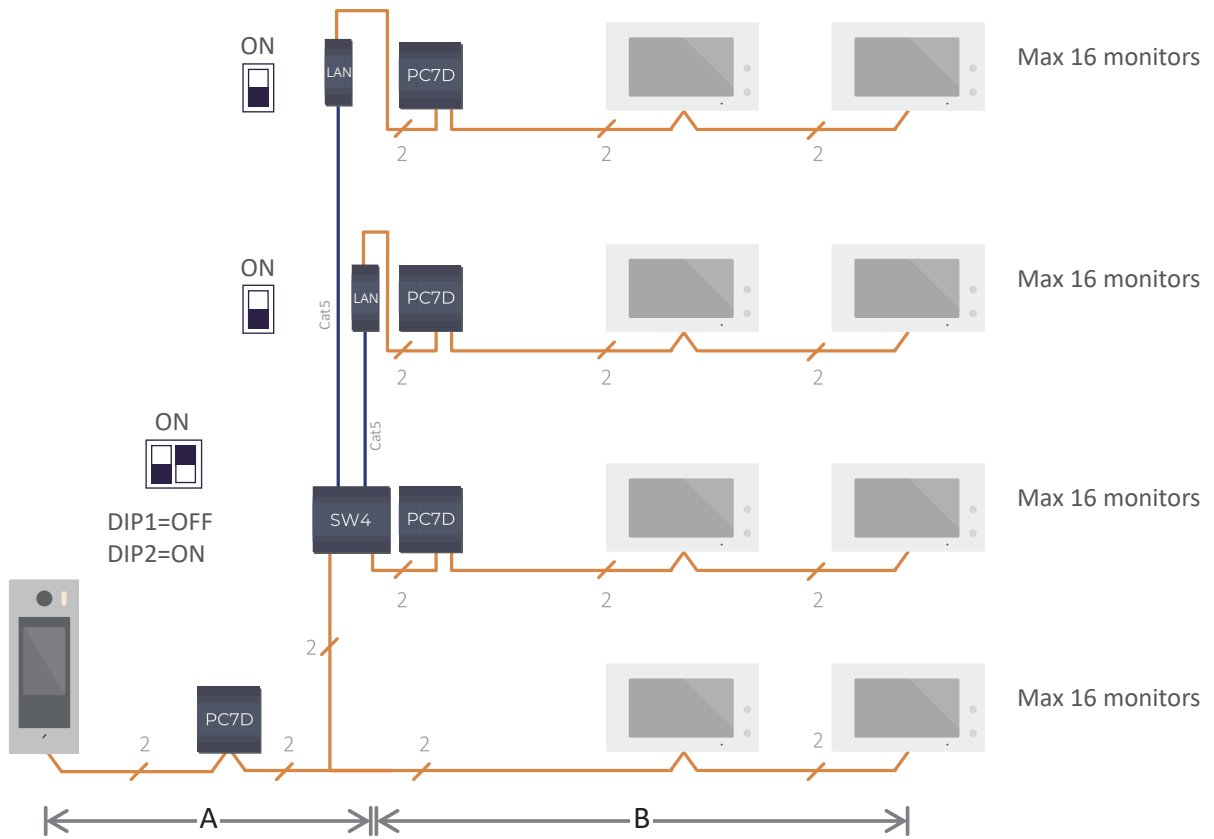
\* Max distance limit, 1 door station with less than 10 monitors.



## 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

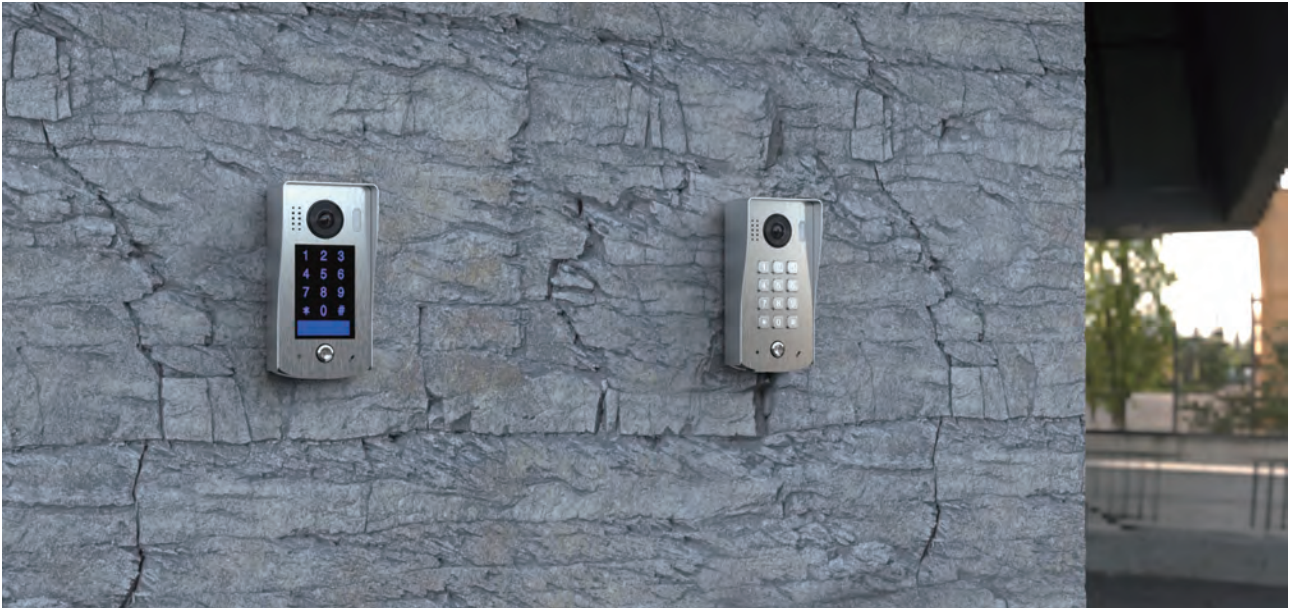


Pin code



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

	DH470	DH482	DH7G
<b>Display</b>	7" Touch	7" Touch	7" Touch
<b>Glass surface</b>	Glass	Glass	Glass
<b>Video quality</b>	HD	HD	HD
<b>Wi-Fi connectivity</b>			
<b>APP remote call</b>			
<b>Video record</b>			
<b>Intercom call</b>	●	●	●
<b>Inner call</b>	●	●	●
<b>Extra ringer</b>	●	●	●
<b>SD card</b>	●	●	●
<b>Laminated screen</b>			●

## 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

## 2Easy DH Monitor



### 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)

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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

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## Power Supply (Apartment application)

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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

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## Power Supply (Apartment application)

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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

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## Power Supply (power sparator)

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

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## 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**

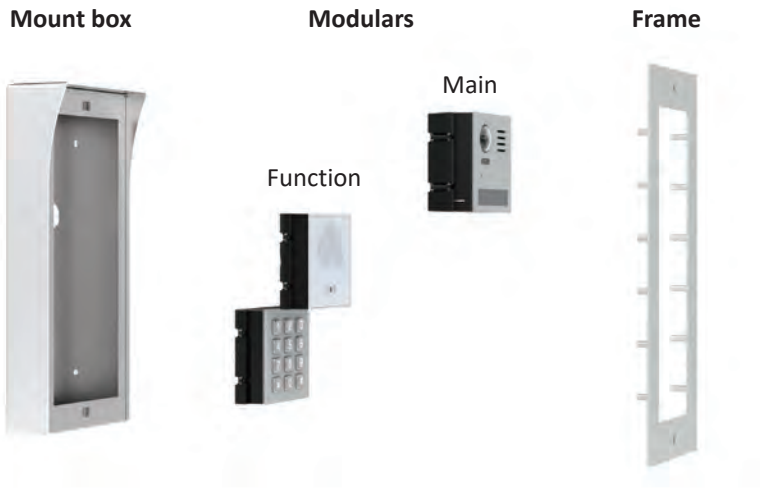




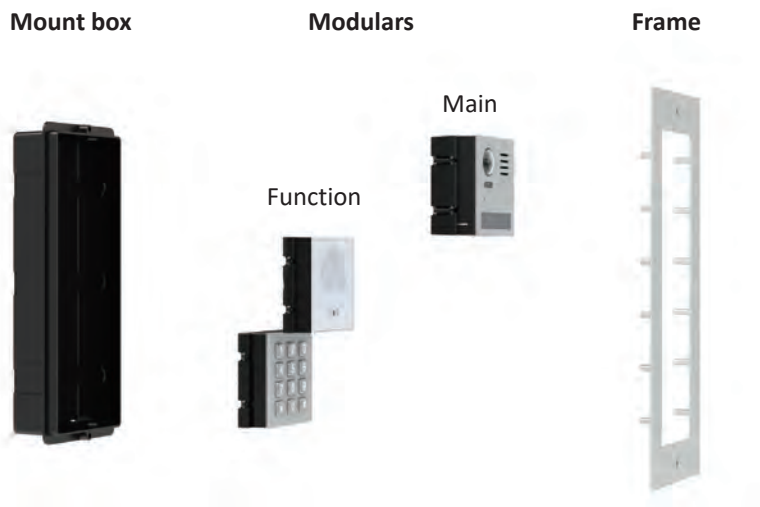
## Build up your own door station

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



### Flush Mount





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

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### 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

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## Touch screen module

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### Model No.

### Description

821/LB

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

- Backlit for night reading.

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## Fingerprint module

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### 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

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These modules can be used with 2Easy DH system

## Main module

### Video intercom module

---



#### Model No.

#### Description

DH821/VD

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.
-

# Standard Modules



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

## Function module

### Mechanical call buttons

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#### Model No.

#### Description



821/M4

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



821/M3

821/M2

821/M1

- 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.



821/M8

- 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.
- 

### Letter box doorbell module

---

#### Model No.

#### Description



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

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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

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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

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Model No.

Description

821/BL

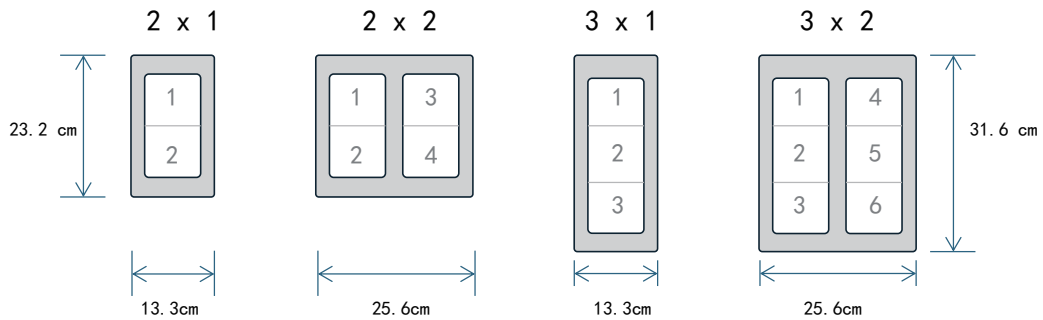
Blank module for laser print information or for future function module replacement.

- 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**

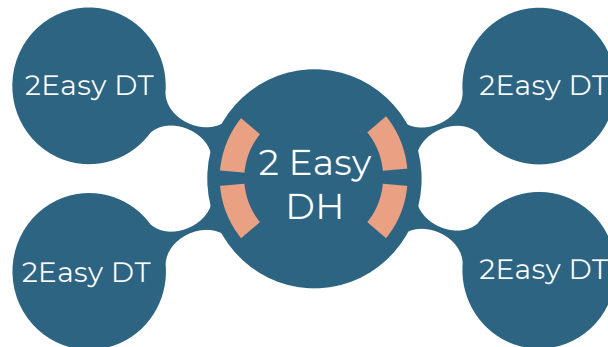
**hybrid system**





## 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.

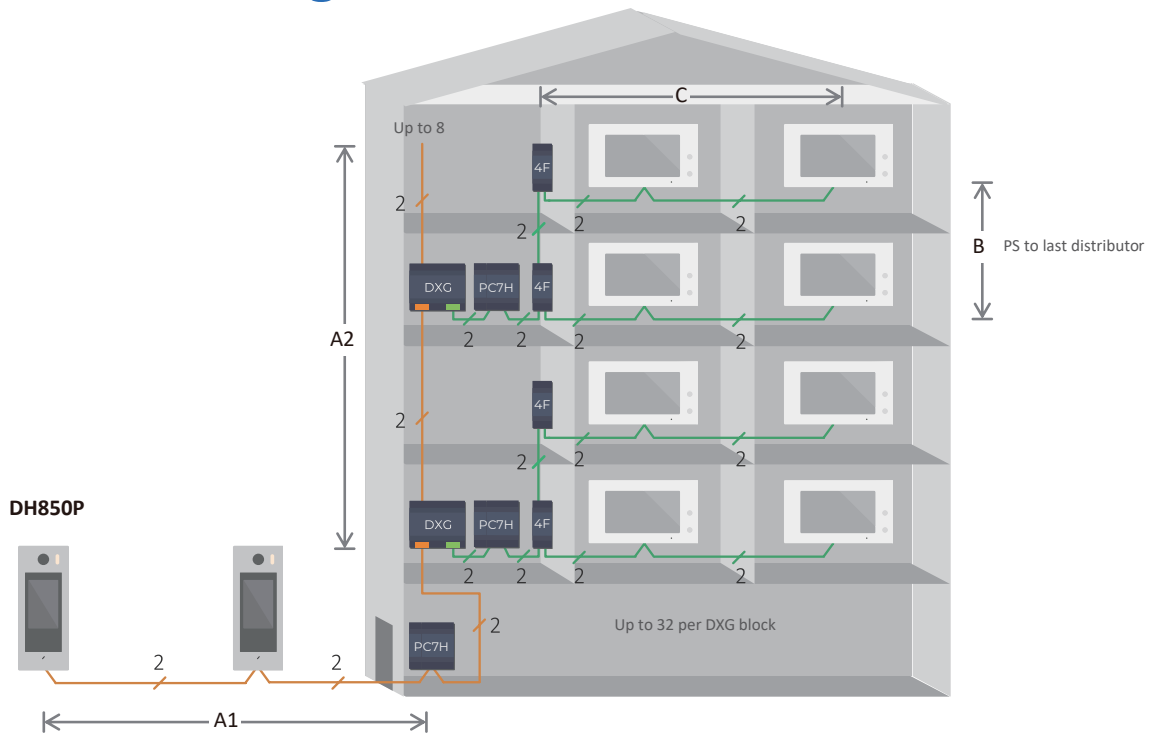
### Easy config



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



## Typical building connection



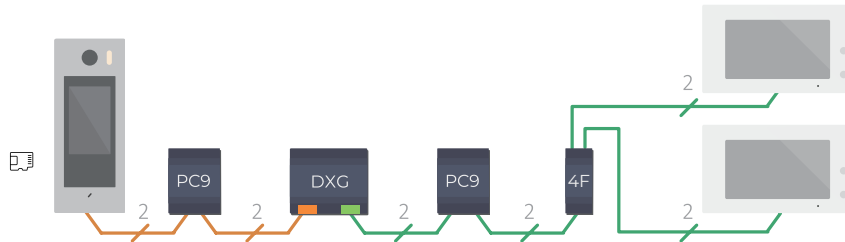
Segment	2 Wire Digital		2 Wire Analog	
	A1	A1+A2	B	C
2x0.50 mm <sup>2</sup> Twisted	40 Meters	160 Meters	40 Meters	20 Meters
2 x 0.75 mm <sup>2</sup> Twisted	60 Meters	200 Meters	60 Meters	30 Meters
2 x 1.00 mm <sup>2</sup> Twisted	70 Meters	200 Meters	65 Meters	35 Meters
CAT5 (Combine)	60 Meters	200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

# Function Expand



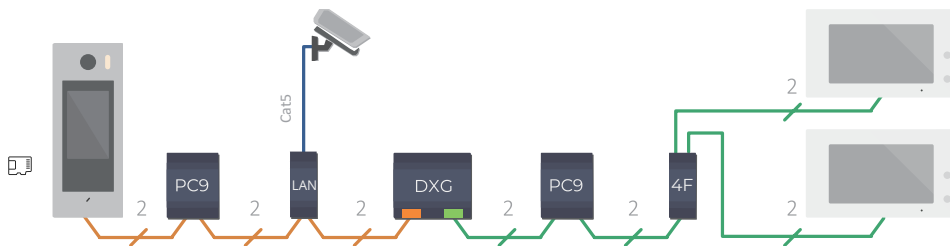
## Video recording

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.



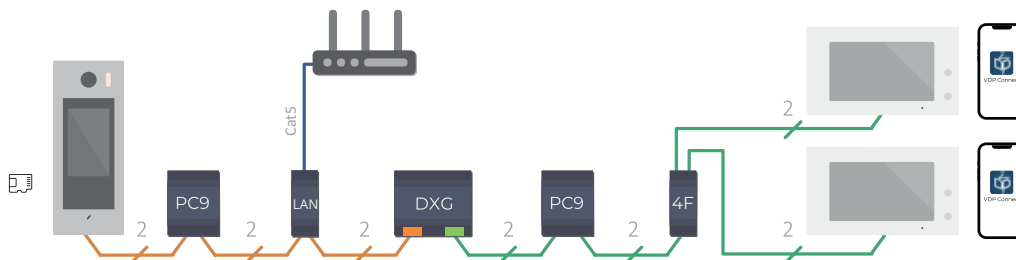
## IP camera

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**

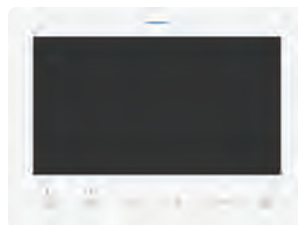


**DH-IXG\***

## 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.

