

Rongtel®

Innovation for life



RONGTAI ELECTRONICS

Rongtel®

ZHUHAI RONGTAI ELECTRONICS CO.,LTD

Rongtai Industrial Park, Nanshawan, Qianshan
Xiangzhou Dist., Zhuhai, Guangdong, China

TEL: +86-756-6279618

FAX : +86-756-6279638

Email : sales@rongtel.com

info@rongtel.com

www.rongtel.com



Products herein are subject to change without prior notice

ABOUT US

RONGTAI ELECTRONICS is a well-known manufacturer in the security industry, started R&D from 1999 and was registered in 2003. RONGTAI's modern facilities covering an area more than 5000 square meters, including entertainment site, canteens and dorms, workshop and office. RONGTAI's main solutions include Villa Intercom Systems, Multi-apartment Intercom Systems, Wireless Intercom Systems, Smart Home Automation Systems and Access Control Systems.

With average 10 plus years experienced R&D engineers, RONGTAI now offers 200 plus models and 13 solutions for your selection and launches at least 10 new models and 2 new solutions every year to keep up with market trends. Utilizing SAMSUNG high-speed and precision SMT and soldering machines RONGTAI produces over 50000 Video Door Phone and 30000 Access Controls monthly, and is dedicated to supply full range of Door Phone systems and Access Control products to worldwide customers.

For quality assurance, RONGTAI executes 6 step QC procedure according to ISO 9001:2015, RONGTAI products are accordance to CE, FCC and RoHS standards and with two year warranty. In the testing lab, it has High & Low Temperature Testing Chamber, Salt Spray Testing Chamber, Transportation Simulation Vibration Testing Machine and Drop Testing Machines. Each order from raw materials to finish units is examined using different inspection equipment.

Now RONGTAI is serving 600 plus clients from 110 plus countries all over the world. Including Germany, France, UK, US, Australia, etc. Many branded security companies have cooperation with RONGTAI. With 10 professional English speaking regional sales managers, RONGTAI welcomes customized ODM and OEM orders and is ready to meet all your requirements.



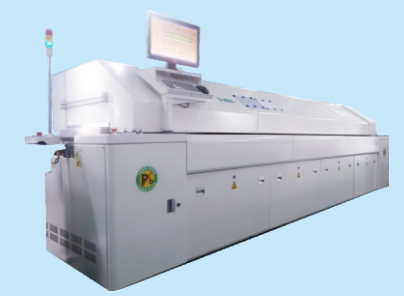
Production Equipments



Screen Printing Machine



SMT Machine



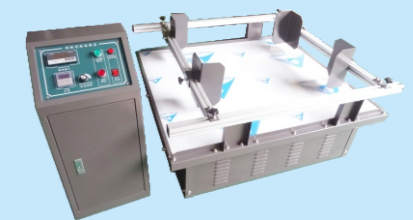
Solder Machine



High & Low Temperature Testing Machine



Salt Spray Testing Machine



Transportation Simulation Testing Machine



Drop Testing Machine



Glue filling machine



Function Signal Generator

Certifications



Rongtel



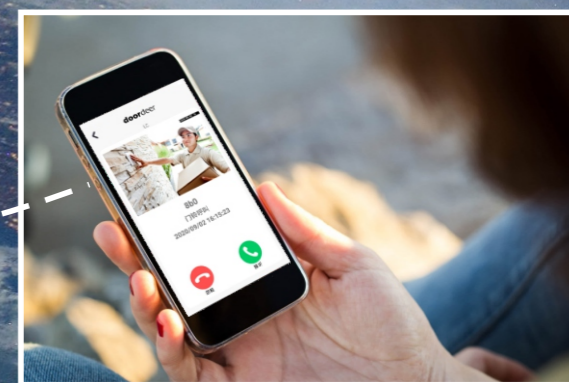
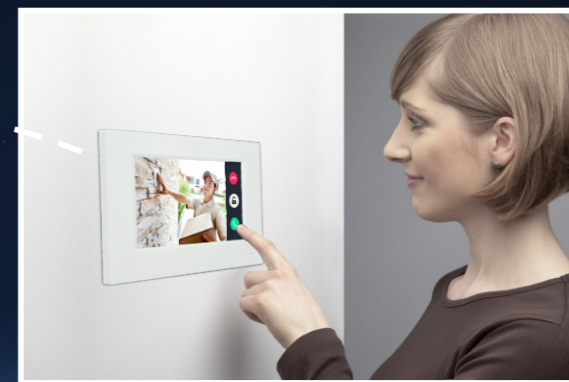
CONTENTS

3rd Generation IP Video Door Phone System		01-04
	MR260	05-06
	MR380	07-08
	MR560/MR570	09-10
Indoor Monitor	05-20	MR290 11-12
		MR280 13-14
		MR880 15-16
		MR660 17-18
		MR870IP 19-20
21-54		
	PL980C4P/PL981C4P	21-22
	PL980/PL981	23-24
	PL930	25-26
	PL990	27-28
	PL270	29-30
	PL281	31-32
Outdoor Station	PL960/PL961	33-34
	PL591	35-36
	New 2 Wires BUS Building System	37-38
	PL320	39-40
	PL630	41-42
	PL631	43-44
	PL591DC4CPDK	45-46
	PL591	47-48
	PL821	49-50
	PL851	51-52
	PL880M	53-54
	AC220	55-56
	AC230	57-58
Access Control	55-66	AC240 59-60
		AC290 61-62
		AC280 63-64
		AC370SAFR 65-66
Accessories		67-68
Solutions		69-75
	4 Wires Villa System	69
	2 Wires Villa System	70
	Cat5 One Cable Multi-apartment System	71
	Cable Selection	72
	TCP/IP Multi-apartment Intercom System	73
	Access Control	74
	2 Wires Bus Multi-apartment Diagram	75

New Generation Information Network Platform

Cloud Platform covering global users,
the products connected to the Cloud Platform

for users to access via App.



Product picture	Main function description	Description of main characteristics
 <p>PL960SAPM-V3</p>	<p>Wifi video intercom works with smartphones. You can see, hear and speak to the person from your door station no matter where you are and what you are doing, and you can open your door through smartphones or tablets.</p> <p>Talking, monitoring, unlocking on mobile phone Picture memory & video recording Check history events from cloud/card 32G TF card for motion detection Remote unlocking, 2 locks for option 40 group passwords for code access Define lock and unlock time</p> <p>Video intercom with WiFi IP Indoor Monitor by full duplex under WLAN or LAN</p>	<p>Supports Android / iOS Devices P2P protocol Distributed server WiFi Enabled and built-in ethernet RJ45 connector Outdoor video intercom with Indoor wirelessly under local network (LAN) Self-developed application Quick & Easy Install Multiple Users</p> <p>Aluminum brushed silver panel 1080P IP camera with 110° wide angle Night light compensation With keypad for code access Nameplate Separate antenna PoE version for option IP rate: IP65 (Rain cover type for option) Surface mounted Working temperature: -25°C~65°C Input: 12V DC Dimensions: 105*210*32mm (without rain cover)</p>
 <p>PL960M-V3</p>	<p>Wifi video intercom works with smartphones. You can see, hear and speak to the person from your door station no matter where you are and what you are doing, and you can open your door through smartphones or tablets.</p> <p>Talking, monitoring, unlocking on mobile phone Picture memory & video recording Check history events from cloud/card 32G TF card for motion detection Remote unlocking, 2 locks for option Define lock and unlock time</p> <p>Video intercom with WiFi IP Indoor Monitor by full duplex under WLAN or LAN</p>	<p>Supports Android / iOS Devices P2P protocol Distributed server WiFi Enabled and built-in ethernet RJ45 connector Outdoor video intercom with Indoor wirelessly under local network (LAN) Self-developed application Quick & Easy Install Multiple Users</p> <p>Aluminum brushed silver panel 1080P IP camera with 110° wide angle Night light compensation Nameplate Separate antenna PoE version for option IP rate: IP65 (With Rain Cover) Surface mounted Working temperature: -25°C~65°C Input: 12V DC Dimensions: 112*136*52mm</p>
 <p>MR830M</p>	<p>Wifi video intercom works with smartphones. You can see, hear and speak to the person from your door station no matter where you are and what you are doing, and you can open your door through smartphones or tablets.</p> <p>Talking, monitoring 4 channels, unlocking and transferring call on monitor screen Intercom between Indoor Monitors Picture memory & video recording Check history events from cloud/card Video intercom with WiFi IP door station by full duplex under WLAN or LAN</p>	<p>Supports Android / iOS Devices P2P protocol Distributed server WiFi Enabled and built-in ethernet RJ45 connector Indoor video intercom with Outdoor wirelessly under local network (LAN) Self-developed application Quick & Easy Install Multiple Users</p> <p>7 inch TFT LCD screen Color: White Touch screen operation Monitoring / talking / unlocking / call transfer / internal intercom Check history events Surface mounted Temperature: -10°C~50°C Working voltage: 12V Resolution: 1024*600 pixels Dimension: 221*144*20mm N.W: 350g</p>



- 
Android&iOS
- 
Cloud history events playback
- 
Doordeer APP
- 
Remote Unlock
- 
1080P
- 
Capture & Video
- 
Full Duplex
- 
Night Vision

Description

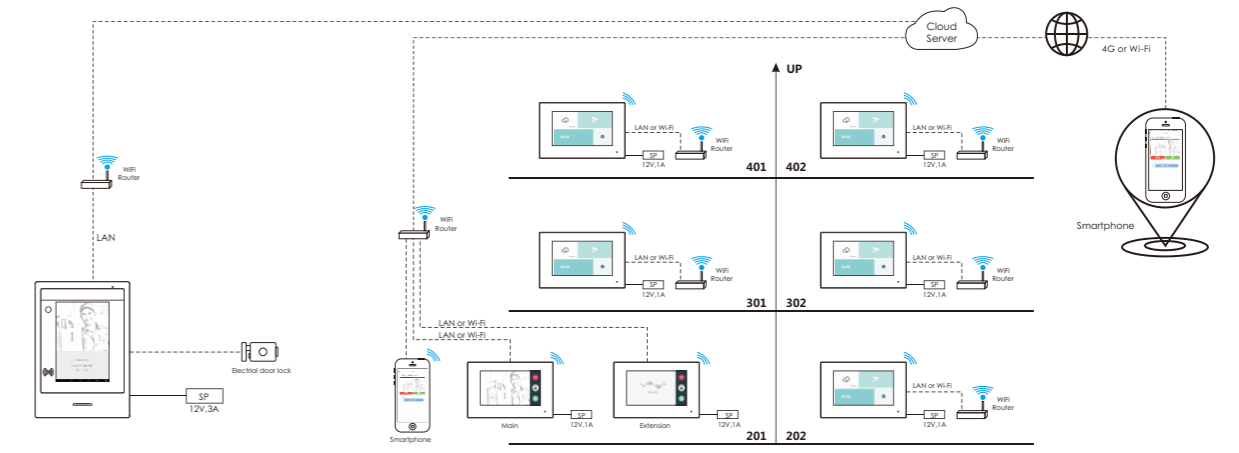
1. Aluminum alloy with tempered glass
2. Waterproof, anti-vandal
3. Calling, intercom, unlocking, monitoring
4. 1080P HD video display on 10 inch screen
5. Night vision --- Low light operation
6. Visitor incoming call alert
7. Remote unlocking
8. Integrated two SPDT relays can trigger two remote door locks
9. Code access / card access
10. Temporary key code
11. Snapshot & video recording
12. Support Android / IOS devices
13. Ethernet RJ45 connector
14. Regional servers for local users
15. Capacity: 9999 users

Specification

Working temperature: -25°C~65°C
Installation: Surface Mounted / Flush mounted
Minimum illumination: 0.1 Lux

Features

-  **Works From Anywhere**
Whether you're in the kitchen, or travel around the world, you'll always be able to answer your door from palm of your hand. It even works when your phone is roaming on 3G/4G networks.
-  **Weather Resistant**
Outdoor approved and built to withstand humidity rain, sleet, snow, ice and extreme heat.
-  **Support Multiple Devices**
Support multiple users with smart phones or tablets to be connected to one outdoor station. When you have a visitor, outdoor station will simultaneously ring.
-  **Quick & Easy Install**
Have your door station mounted in 3 minutes, simply to connect smart phones or tablets to your outdoor station within 2 minutes.





Skybox ---Forward calls to your mobile

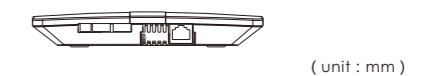
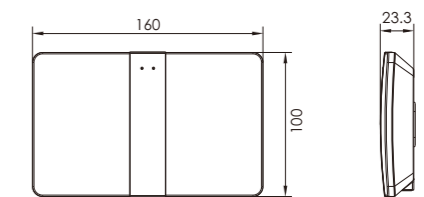
With SkyBox you can always stay connected to your home from anywhere in the world, even when you are not at home.

Specification

Material	ABS plastic
Color	Black
Compatibility	iOS,Android smart phone,tablet
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V/18V
Working current	380mA
Dimension	160(W)x100(H)x23.3(D) mm
Installation	Surface mounted
System	4 wires/ 2 wires/ Cat5/ 4+2

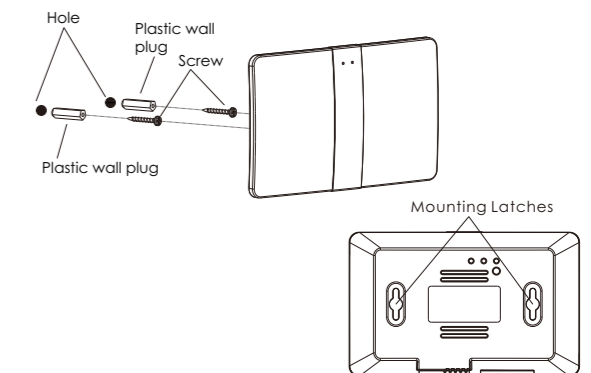
System	Model No.	Color
2 wires villa system	MR260C2-V3	Black
4 wires villa system	MR260C4-V3	Black
4 +2 wires building system	MR260C4C-V3	Black
Cat5 one cable system	MR260C4C-V3	Black
2 wires BUS building system	MR260C2C-V3	Black

Product Views



(unit : mm)

Installation





7 inch TFT-LCD indoor monitor

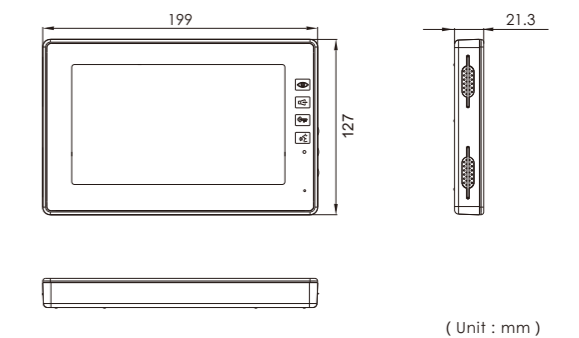
- ▶ High resolution TFT-LCD screen
- ▶ Surface mounted
- ▶ Acrylic panel / glass panel
- ▶ Backlit touch button
- ▶ Fashionable design

Specification

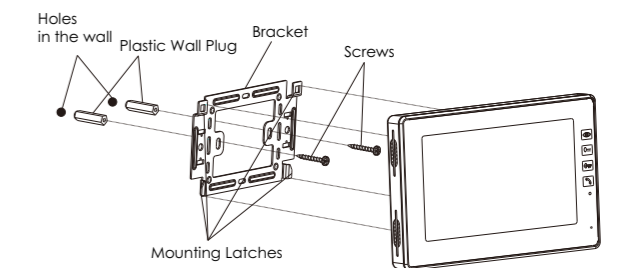
Material	Acrylic/ABS plastic
Color	Black/White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V
Working current	380mA
Display	7" TFT
Resolution	800x480
Dimension	199(W)x127(H)x21.3(D) mm
Installation	Surface mounted
System	4 wires

System	Model No.	Color	Remark
2 wires villa system	MR380C2	White/Black	
4 wires villa system	MR380C4	White/Black	
4 wires villa system	MR380C4S	White/Black	memory function

Product Views



Installation



MR560/MR570 indoor monitor



7 inch TFT-LCD indoor monitor

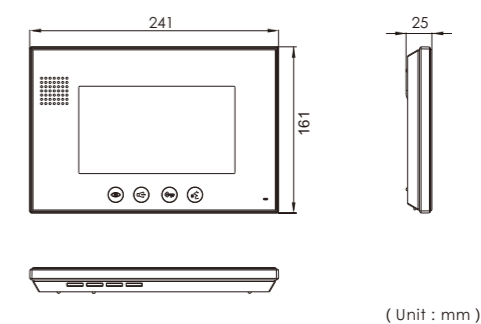
- ▶ High resolution TFT-LCD screen
- ▶ Surface mounted
- ▶ Acrylic panel / glass panel
- ▶ Backlit touch buttons

Specification

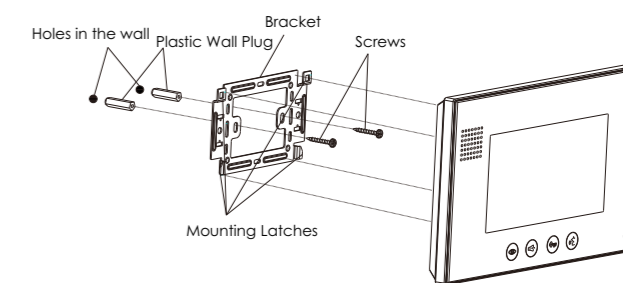
Material	Acrylic/ABS plastic
Color	Black/White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V/18V
Working current	420mA
Display	7" TFT
Resolution	800x480
Dimension	241(W)x161(H)x25(D) mm
Installation	Surface mounted
System	4 wires/ 2 wires/ Cat5/ 4+2

System	Model No.	Color	Remark
2 wires villa system	MR560C2/MR570C2	White/Black	
4 wires villa system	MR560C4/MR570C4	White/Black	
4 wires villa system	MR560C4S/MR570C4S	White/Black	memory function
4 +2 wires building system	MR560C4C/MR570C4C	White/Black	8 alarm zones
CAT5 one cable system	MR560C4C/MR570C4C	White/Black	8 alarm zones

Product Views



Installation





4.3 inch TFT-LCD indoor monitor

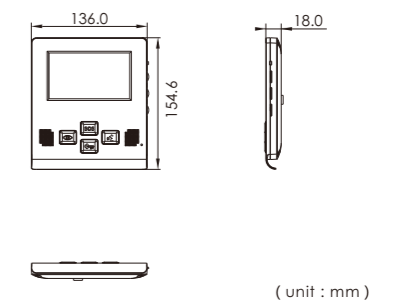
- ▶ Exquisite and small
- ▶ Innovative button design
- ▶ Italian stylish design with thin casing

Specification

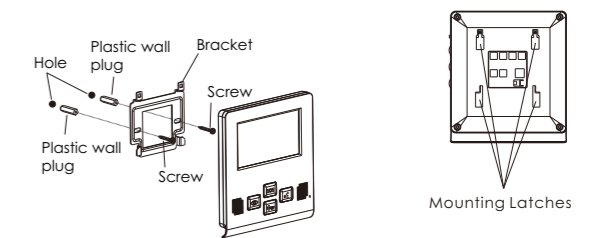
Material	ABS plastic
Color	White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V
Working current	260mA
Display	4.3" TFT / 4.5" TFT
Resolution	480x272
Dimension	136(W)x154.6(H)x18(D) mm
Installation	Surface mounted
System	4 wires/ Cat5

System	Model No.	Color	Remark
4 wires villa system	MR290C4	White	
4 +2 wires building system	MR290C4C	White	
CAT 5 one cable system	MR290C4C	White	

Product Views



Installation





4.3 inch TFT-LCD indoor monitor

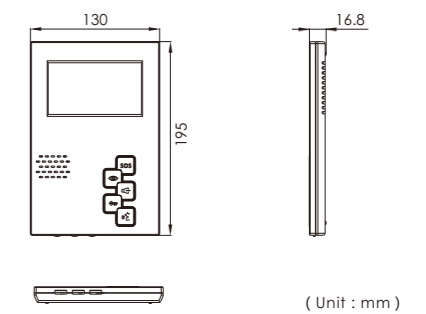
- ▶ Exquisite and small
- ▶ Innovative button design
- ▶ ABS plastic slim casing

Specification

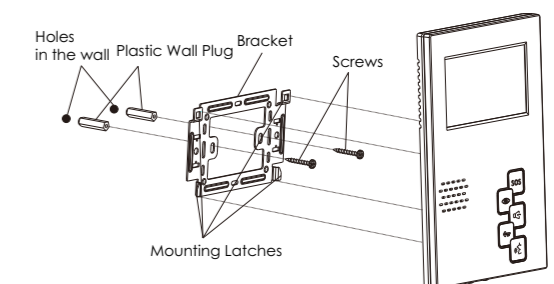
Material	ABS plastic
Color	Black/White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V
Working current	280mA
Display	4.3" TFT
Resolution	480x272
Dimension	130(W)x195(H)x16.8(D) mm
Installation	Surface mounted
System	4 wires/ Cat5/ 4+2 wires

System	Model No.	Color	Remark
4 wires villa system	MR280C4	White/Black	
4 +2 wires building system	MR280C4C	White/Black	5 alarm Zones
CAT 5 one cable system	MR280C4C	White/Black	5 alarm Zones

Product Views



Installation





7 inch TFT-LCD indoor monitor

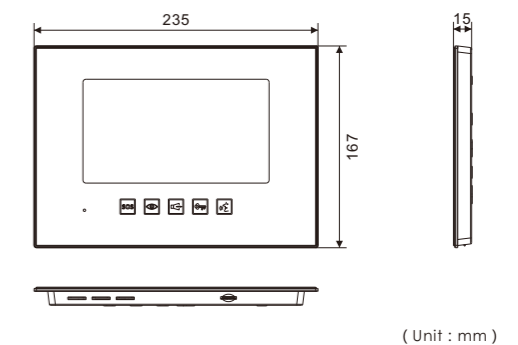
- ▶ High resolution
- ▶ Tempered glass panel
- ▶ Mirror Effect
- ▶ Blue backlight touch buttons

Specification

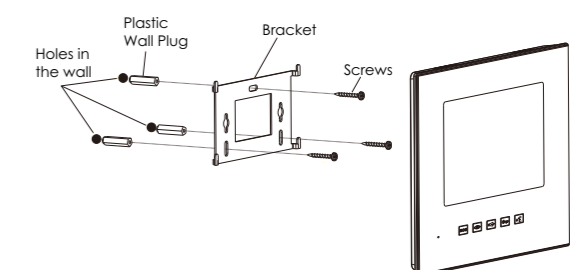
Material	Tempered glass panel
Color	Mirror effect black/White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/15V/18V
Working current	360 mA
Display	7" TFT
Resolution	800x480
Dimension	235(W)x167(H)x15(D) mm
Installation	Surface mounted
System	4 wires/ 2 wires/ Cat5/ 4+2 wires

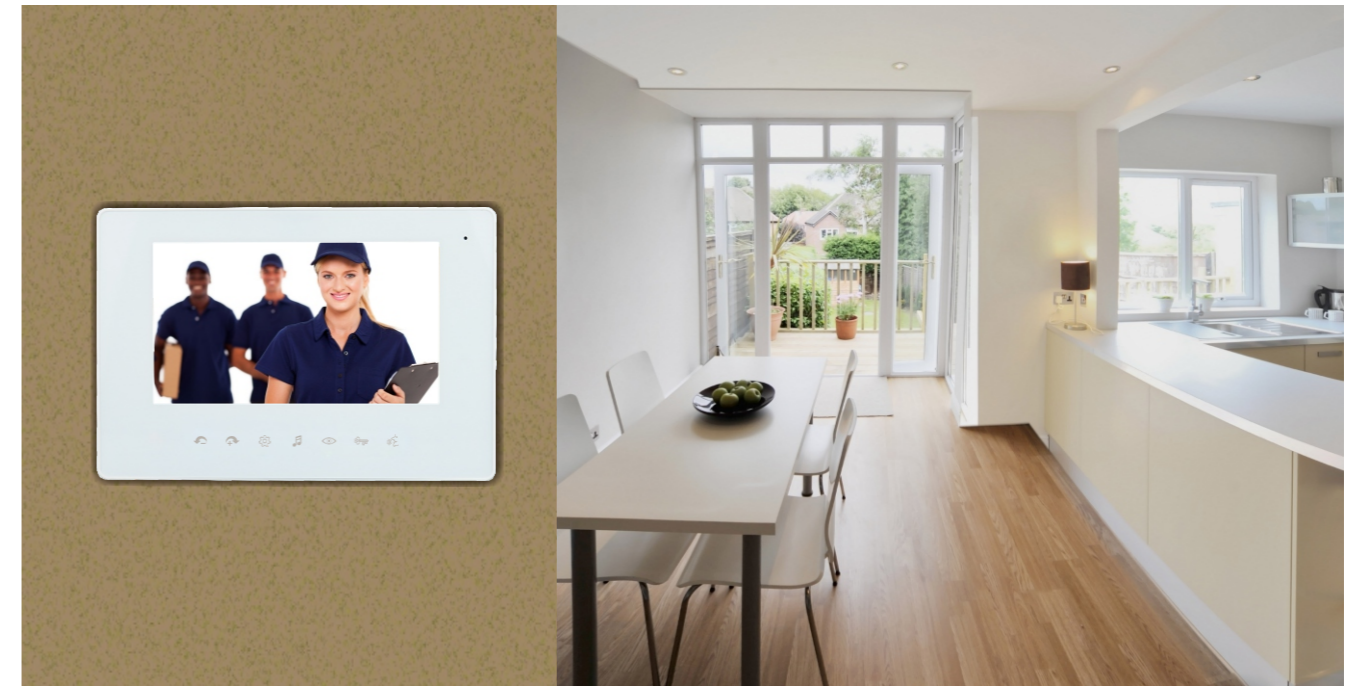
System	Model No.	Color
2 wires villa system	MR880C2	White/Black
4 wires villa system	MR880C4	White/Black
4 +2 wires building system	MR880C4C	White/Black
Cat5 one cable system	MR880C4C	White/Black
2 wires building system	MR880C2C	White/Black

Product Views



Installation





7 inch TFT-LCD indoor monitor

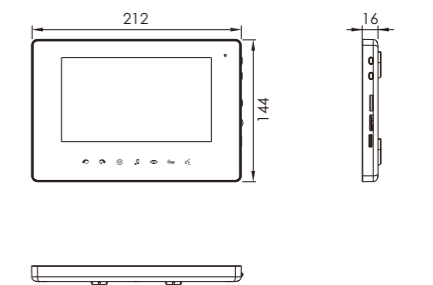
- ▶ High resolution
- ▶ Acrylic surface
- ▶ Backlight touch button
- ▶ Menu operation

Specification

Material	Acrylic/ABS plastic
Color	Black/White
Working temp.	-10°C ~ 50°C
Working voltage	DC 12V/32V
Working current	420 mA
Display	7" TFT
Resolution	800x480
Dimension	212(W)x144(H)x16(D) mm
Installation	Surface mounted
System	4 wires/ 2 wires building

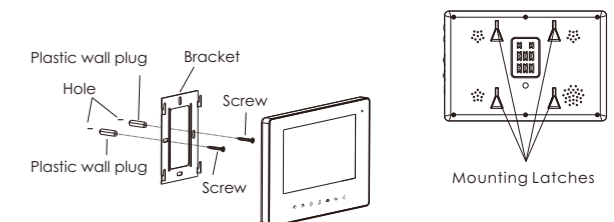
System	Model No.	Color	Remark
4 wires villa system	MR660C4	White	
4 wires villa system	MR660C4S	White	memory function
2 wires Building system	MR660C2C	White	

Product Views



(Unit : mm)

Installation





IP indoor monitor with touch screen

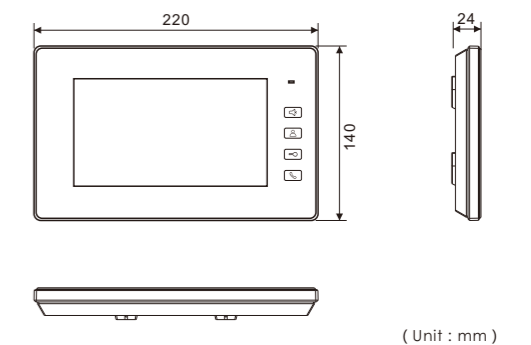
- ▶ 7 inch capacitive touch with advanced GUI
- ▶ Support 24V non-standard PoE power
- ▶ Support alarm settings with 8 alarm zones
- ▶ Able to receive text and photo information
- ▶ Automatic photo recording of visitors
- ▶ Support emergency SOS calling to guard stations
- ▶ Support internal communication between monitors

Specification

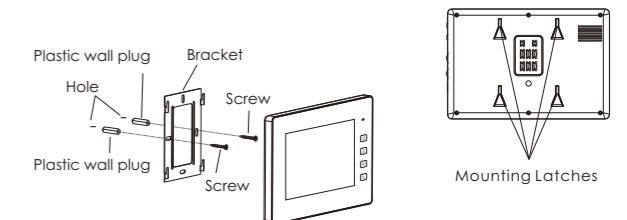
Material	Acrylic/ABS plastic
Color	Black
Working temp.	-10°C ~ 50°C
Working voltage	DC 24V
Working current	330mA
Display	7" TFT
Resolution	1024x600
Dimension	220(W)x140(H)x24(D) mm
Installation	Surface mounted
System	TCP/IP

System	Model No.	Color	Remark
TCP/IP system	MR870IP	Black	

Product Views



Installation



PL980C4P/PL981C4P outdoor station



PL980C4(1)
89.3x158x40mm



PL981C4(1)
113.5x195.5x37mm



PL980C4P
89.3x158x40mm



PL981C4P
113.5x195.5x37mm



Slim outdoor station with code access

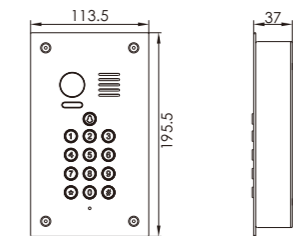
- ▶ Stainless steel panel
- ▶ Brush processing housing
- ▶ Nameplate (or keypad) with blue backlight
- ▶ Waterproof, anti-vandal and durable
- ▶ Code access for option

Specification

Material	Stainless steel
Color	Silver
Camera	700TVL
View Angle	110°
Working voltage	DC 12V/15V
Working current	140mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	3 x LEDs
IP rate	IP65
Installation	Flush mounted/Surface mounted
Dimension	113.5(W) x 195.5(H) x 37(D)mm
System	4 wires

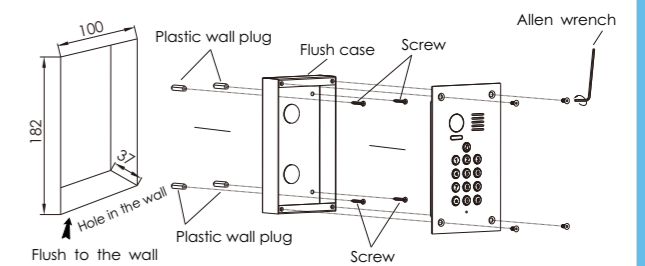
System	Model No.	Color
4 wires villa system	PL980C4P/PL981C4P	Silver
4 wires villa system	PL980C4(1)/PL981C4(1)	Silver

Product Views



(unit : mm)

Installation



PL980/PL981 outdoor station



PL980C4
89.3x158x40mm



PL981C4
113.5x195.5x37mm



Direct-call outdoor station

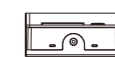
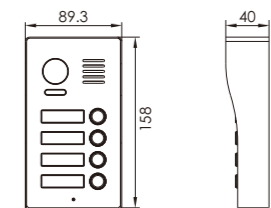
- ▶ Stainless steel panel
- ▶ Easy direct-call buttons operation
- ▶ Nameplates and buttons with blue backlight
- ▶ Waterproof, vandal proof and durable

Specification

Material	Stainless steel
Color	Silver
Camera	700TVL
View Angle	110°
Working voltage	DC 12V/15V
Working current	140mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	3 x LEDs
IP rate	IP65
Installation	Flush mounted/Surface mounted
Dimension	89.3(W) x 158(H) x 40(D)mm
System	4 wires

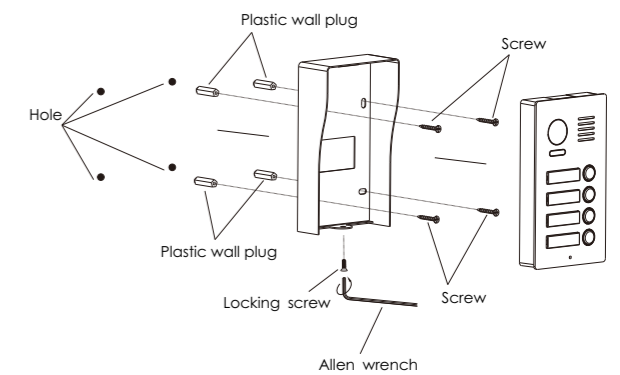
System	Model No.	Color
4 wires villa system	PL980C4(X)/PL981C4(X)	Silver

Product Views



(unit : mm)

Installation





Slim outdoor station with rain cover

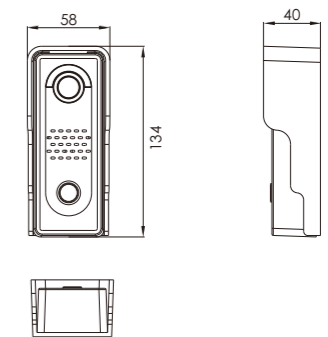
- ▶ High-quality zinc alloy housing
- ▶ Simple but fashionable design
- ▶ With rain cover, angle bracket for option
- ▶ One button calling/talking
- ▶ Waterproof, dustproof, anti-vandal design

Specification

Material	Zinc alloy
Color	Silver/Black
Camera	700TVL
View Angle	90°
Working voltage	DC 12V/15V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	6 x LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	58(W) x 134(H) x 40(D)mm
System	4 wires / Cat5/ 4+2

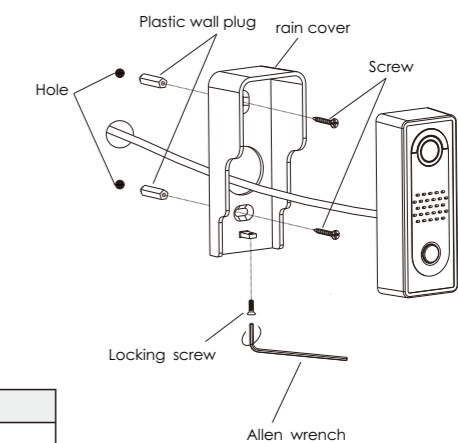
System	Model No.	Color	Remark
4 wires villa system	PL930C4	Silver/Black	
4+2 wires building system	PL930C4C	Silver/Black	Second confirm outdoor
Cat5 one cable system	PL930C4C	Silver/Black	Second confirm outdoor

Product Views



(unit : mm)

Installation





Super slim outdoor station with rain cover

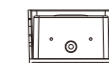
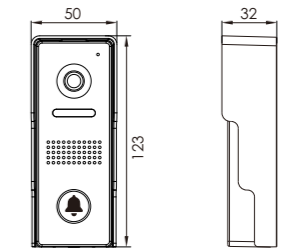
- ▶ Fashionable design
- ▶ Dust-proof, waterproof
- ▶ One button calling / talking

Specification

Material	ABS housing
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 12V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	4 white LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	50(W) x 123(H) x 32(D)mm
System	4 wires / Cat5/ 4+2 wires

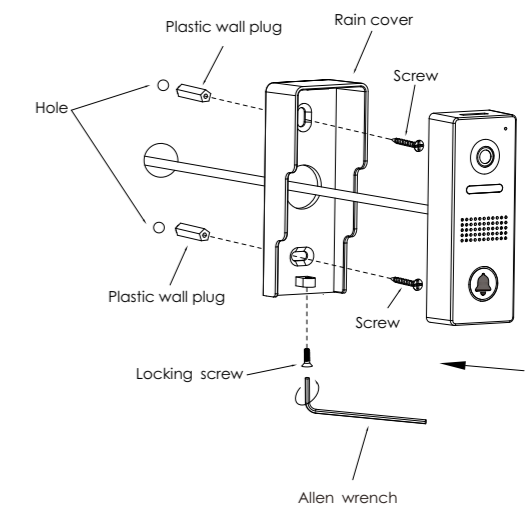
System	Model No.	Color	Remark
4 wires villa system	PL990C4	Silver	
4+2 wires building system	PL990C4C	Silver	
Cat5 one cable system	PL990C4C	Silver	

Product Views



(unit : mm)

Installation

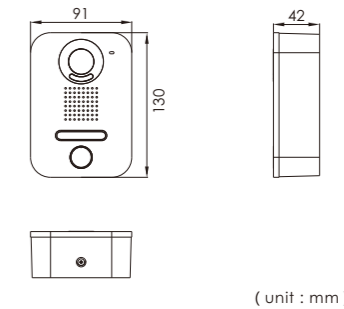




Outdoor station with adjustable camera

- ▶ Adjustable camera
- ▶ Nameplate with blue backlight
- ▶ One button operation
- ▶ Waterproof, dustproof, anti-vandal design

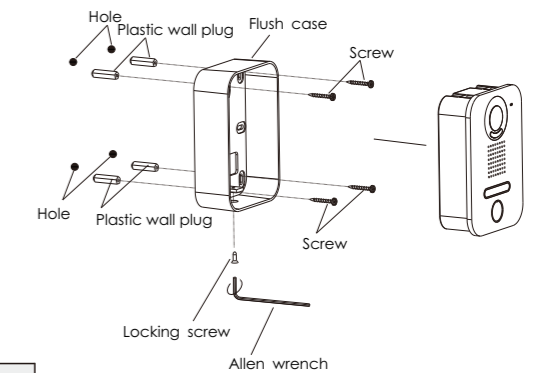
Product Views



Specification

Material	Aluminum alloy
Color	Silver/Black
Camera	700TVL
View Angle	90°
Working voltage	DC 12V/15V/18V
Working current	135mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	4 x LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	91 (W) x 130(H) x 42(D)mm
System	2 wires / 4 wires / Cat5 / 4+2

Installation



System	Model No.	Color	Remark
2 wires villa system	PL270C2	Silver/Black	
4 wires villa system	PL270C4	Silver/Black	
4+2 wires building system	PL270C4C	Silver/Black	Second confirm outdoor
Cat5 one cable System	PL270C4C	Silver/Black	Second confirm outdoor



Outdoor station with adjustable camera

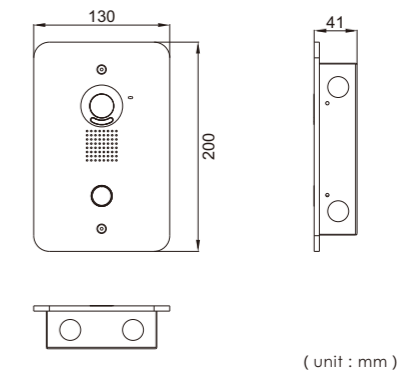
- ▶ Aluminum alloy panel
- ▶ Simple but fashionable design
- ▶ Flush mounted, save space
- ▶ One button calling/talking
- ▶ Waterproof, dustproof, anti-vandal design

Specification

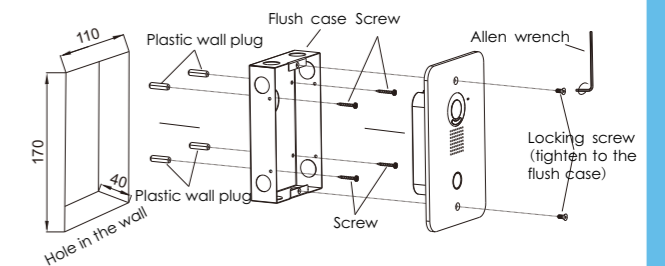
Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 12V/15V/18V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	4 x LEDs
IP rate	IP65
Installation	Flush mounted
Dimension	130(W) x 200(H) x 41(D)mm
System	4 wires / 2 wires / Cat5/ 4+2

System	Model No.	Color	Remark
2 wires villa system	PL281C2	Silver	
4 wires villa system	PL281C4	Silver	
4+2 wires building system	PL281C4C	Silver	Second confirm outdoor
Cat5 one cable system	PL281C4C	Silver	Second confirm outdoor

Product Views



Installation



PL960/PL961 outdoor station



PL960C4
112x135.5x52mm



PL960TPM
110.6x212.9x46mm



PL960C4P
105x210x38mm



PL961C4P
130x235x40mm



PL961C4TP
130x235x40mm



Outdoor station with code access

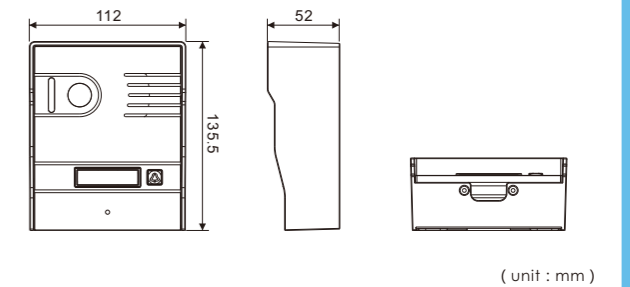
- ▶ Aluminum alloy panel
- ▶ Brush finished silver
- ▶ Nameplate (or keypad) with blue backlight
- ▶ Waterproof, anti-vandal and durable
- ▶ Code access for option

Specification

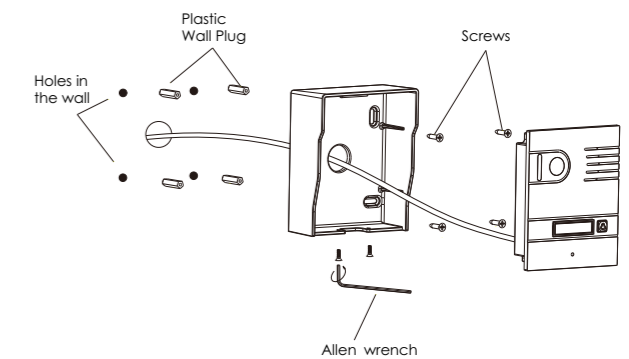
Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 12V/15V
Working current	135mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	4 x LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	112(W) x 135.5(H) x 52(D)mm
System	4 wires / 2 wires

System	Model No.	Color	keypad
4 wires villa system	PL960C4P	Silver	With
4 wires villa system	PL960C4QP	Silver	With
4 wires villa system	PL961C4P	Silver	With
4 wires villa system	PL960C4	Silver	Without
2 wires villa system	PL960C2	Silver	Without

Product Views



Installation



PL591 outdoor station



PL591BC4P
130x194.5x55mm



PL591BC4(1)
130x194.5x55mm



PL591BC4(1)
150x240x47.5mm



PL591BC4F(1) / PL591BC2CF(1)
150x259x47.5mm



Multi-button outdoor station

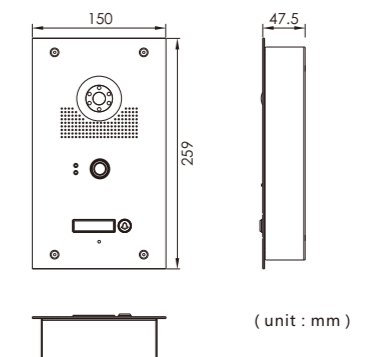
- ▶ High-end 304 Stainless Steel
- ▶ Elegant brushed metal housing
- ▶ Waterproof and anti-vandal

Specification

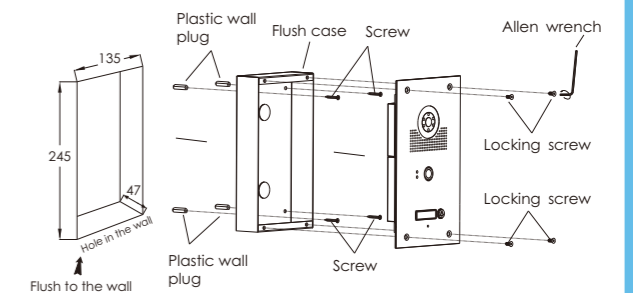
Material	Aluminum alloy/ Stainless steel
Color	Silver / Grey painted
Camera	700TVL
View Angle	90°/ 170°
Working voltage	DC 12V/15V/ 32V
Working current	160mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	8 x LEDs for 90°, 5 x LEDs for 170°
IP rate	IP65
Installation	Flush mounted
Dimension	150(W) x 259(H) x 47.5(D)mm
System	4 wires / 2 wires / Cat5

System	Model No.	Color	Remark
4 wires villa system	PL591BC4F(1)	Silver/grey	Finger print
4 wires villa system	PL591BC4P	Silver	Code access
4 wires villa system	PL591BC4(1)	Silver/grey	With Name Plate
2 wires building system	PL591BC2CF(1)	Silver/grey	With Name Plate

Product Views



Installation



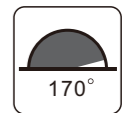
New 2 Wires BUS Building System



Fish Eye Camera



Blue backlight



Wide angle



Remote Control



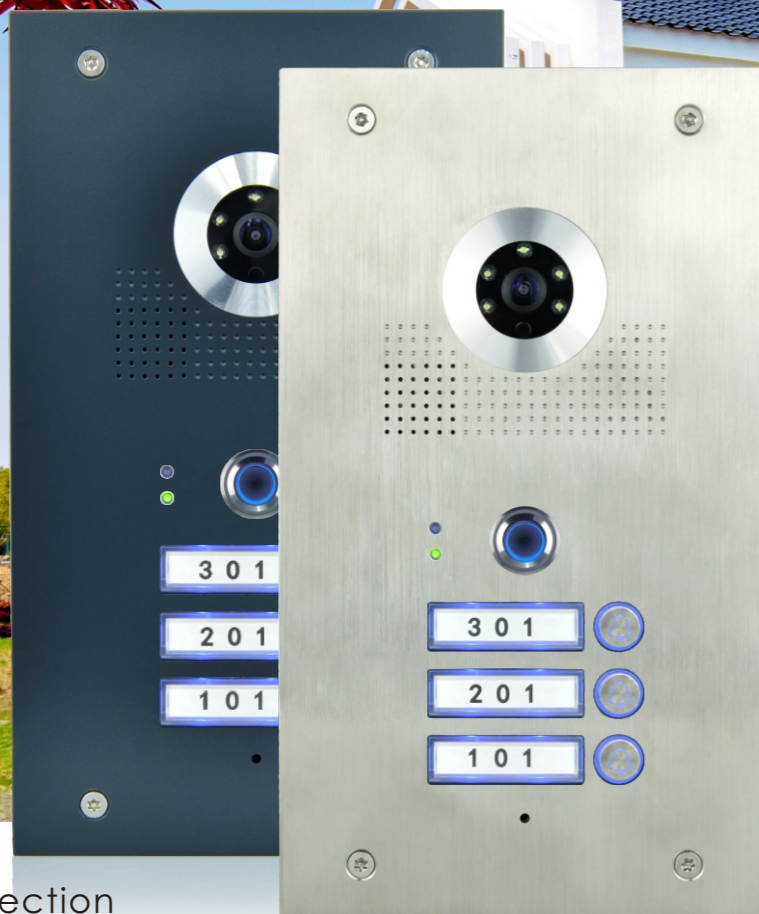
Night Vision



Fingerprint

Features:

- Outdoor station with 1~3 users
- Stainless Steel panel
- Color: Silver / Grey painted
- Flush mounted
- Terminal block easy installation
- Blue backlight nameplate
- HD fish eye camera
- 170° wide angle
- Water proof and anti-vandal
- Function: calling / talking
- Fingerprint
- Resolution: 700 TV lines
- Power output: 32V / 1A
- Working temperature: -25°C~65°C
- Dimension: 150*259*47.5(mm)

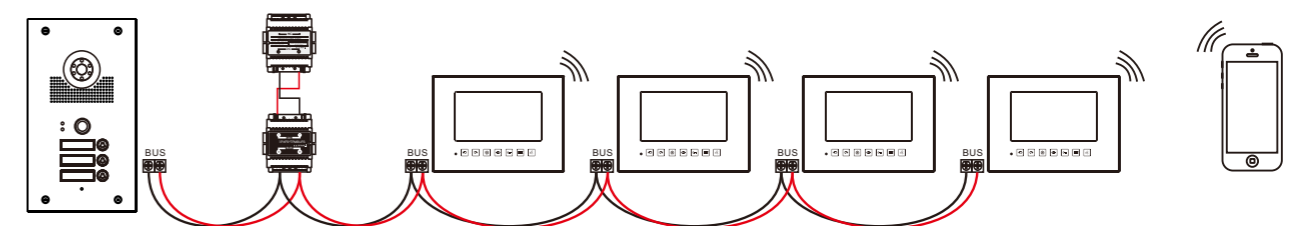


- 2 Wires BUS connection
- Fingerprint access up to 95 users programmable
- Stainless Steel panel



Stainless Steel panel

System Wiring Diagram:





Outdoor station with code & fingerprint

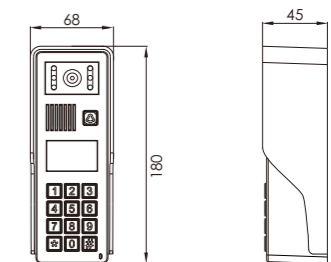
- ▶ Aluminum alloy panel
- ▶ Nameplate (or keypad) with blue backlight
- ▶ Waterproof, anti-vandal
- ▶ Code access / card access
- ▶ Fingerprint for option

Specification

Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 12V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	6 white LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	68(W) x 180(H) x 45(D)mm
System	4 wires / Cat5 / 4+2 wires

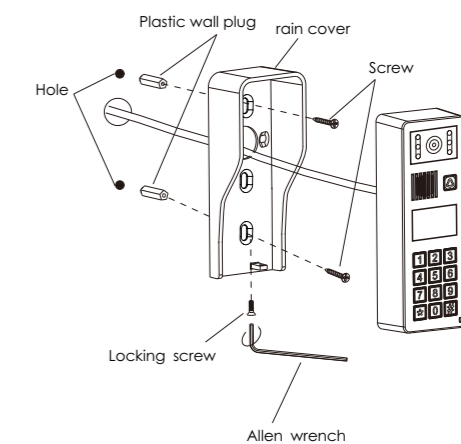
System	Model No.	Color	Remark
4 wires villa system	PL320C4P	Silver	
4 wires villa system	PL320C4PDKF	Silver	
4+2 wires building system	PL320C4C	Silver	
Cat5 one cable system	PL320C4C	Silver	

Product Views



(unit : mm)

Installation





Horizontal type outdoor station

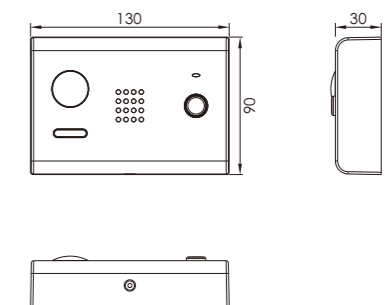
- ▶ Creative horizontal type
- ▶ Aluminum alloy panel
- ▶ Waterproof, dustproof, anti-vandal design
- ▶ One button calling

Specification

Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	110°
Working voltage	DC 12V/15V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	3 x LEDs
IP rate	IP65
Installation	Surface mounted
Dimension	130(W) x 90(H) x 30(D)mm
System	4 wires

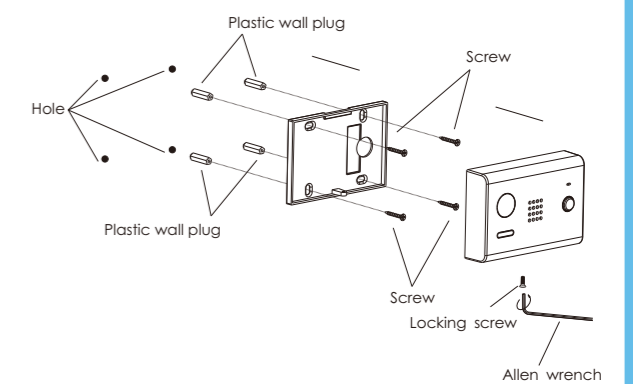
System	Model No.	Color	Remark
4 wires villa system	PL630C4	Silver	

Product Views



(unit : mm)

Installation





Horizontal type stainless steel outdoor station

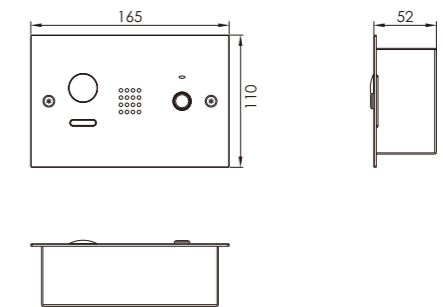
- ▶ 304 Stainless Steel panel
- ▶ Revolutionary horizontal type
- ▶ One-brick flush back casing
- ▶ Waterproof, dustproof, anti-vandal design
- ▶ One button operation

Specification

Material	Stainless steel
Color	Silver
Camera	700TVL
View Angle	110°
Working voltage	DC 12V/15V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	3 x LEDs
IP rate	IP65
Installation	Flush mounted
Dimension	165(W) x 110(H) x 52(D)mm
System	4 wires

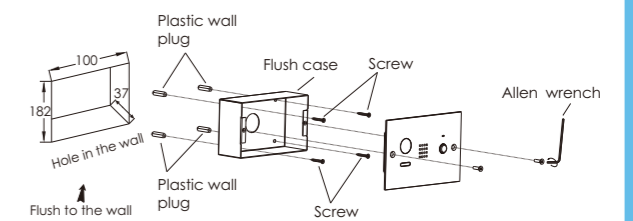
System	Model No.	Color	Keypad
4 wires villa system	PL631C4	Silver	without

Product Views



(unit : mm)

Installation



PL591DC4CPDK outdoor station



Building type brushed outdoor station

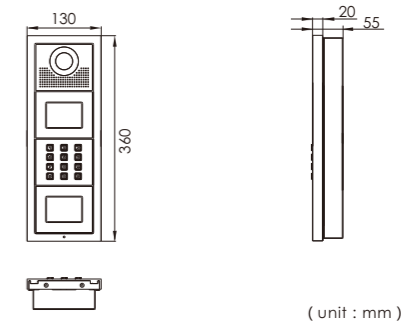
- ▶ Code access/ID card access
- ▶ Keypad with blue backlight
- ▶ Waterproof, anti-vandal and durable aluminum

Specification

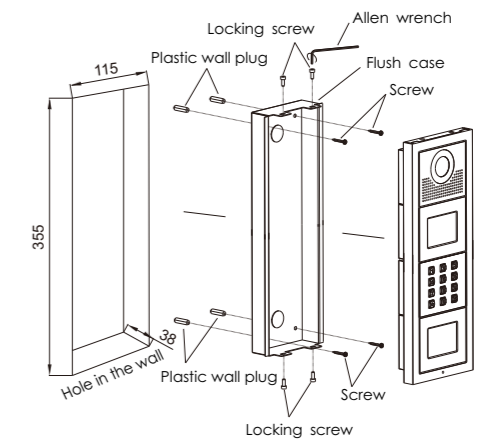
Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 15V
Working current	185mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	8 x LEDs
IP rate	IP65
Installation	Flush mounted
Dimension	130(W) x 360(H) x 55(D)mm
System	4+2 wires / Cat5

System	Model No.	Material	Keypad
4+2 wires building system	PL591DC4CPDK	Aluminum	With
Cat5 one cable system	PL591DC4CPDK	Aluminum	With

Product Views



Installation





130x194.5x55mm 130x277.5x55mm
Aluminum(1~28 apartments)



150x240x47.5mm
Stainless steel(1~4 apartments)



Direct-call outdoor station

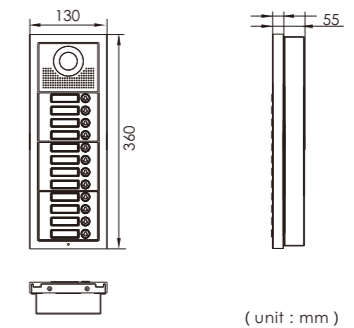
- ▶ High quality aluminum alloy/stainless panel
- ▶ Easy direct-press buttons operation
- ▶ Nameplates and buttons with blue backlight
- ▶ Waterproof, vandal proof and durable

Specification

Material	Aluminum alloy/ Stainless steel
Color	Silver
Camera	700TVL
View Angle	90°/ 170°
Working voltage	DC 12V/15V/32V
Working current	165mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	8 x LEDs for 90°, 5 x LEDs for 170°
IP rate	IP65
Installation	Flush mounted
System	4 wires / 2 wires / Cat5 / 4+2 wires

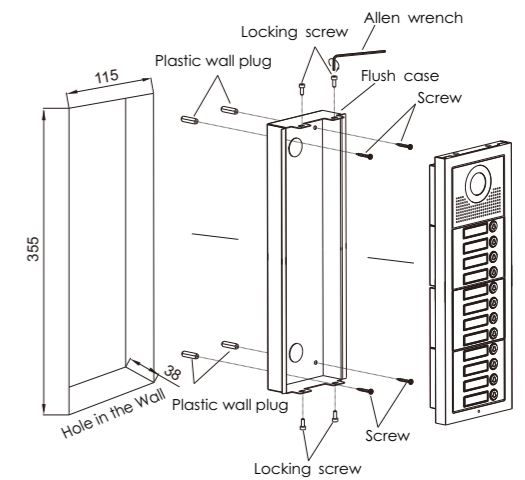
System	Model No.	Material
4 wires villa system	PL591XC4(X)	Aluminum/stainless
4+2 wires building system	PL591XC4C(X)	Aluminum/stainless
CAT 5 one cable system	PL591XC4C(X)	Aluminum/stainless
2 wires building system	PL591XC2C(X)	Aluminum/stainless

Product Views



(unit : mm)

Installation





Building type outdoor station with light sensitivity touch keypad

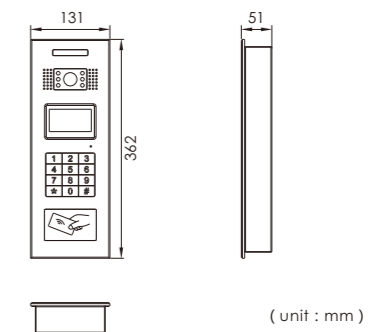
- ▶ Aluminum alloy panel
- ▶ Waterproof, dustproof, anti-vandal design
- ▶ Metal touch keypads with light sensitivity
- ▶ Support code access/ID card access

Specification

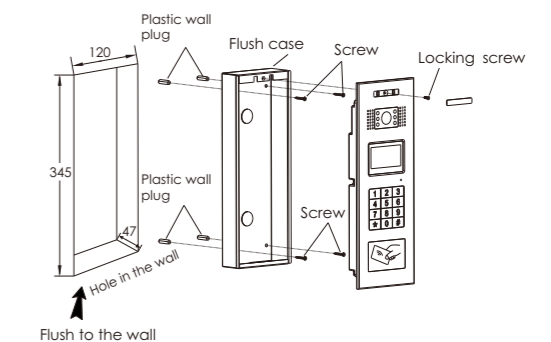
Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 15V
Working current	380mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	White
Night light	6 x LEDs
IP rate	IP65
Installation	Flush mounted
Dimension	131 (W) x 362 (H) x 51 (D) mm
System	4+2 wires / Cat5

System	Model No.	Material	Keypad
4+2 wires building system	PL821DC4CPDK	Aluminum alloy	With
Cat5 one cable system	PL821DC4CPDK	Aluminum alloy	With

Product Views



Installation





Building type outdoor station with code access

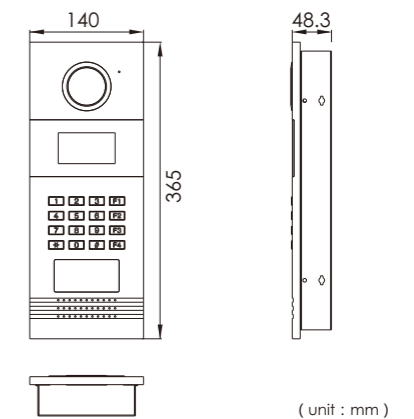
- ▶ Code access / ID card access
- ▶ Keypad with blue backlight
- ▶ Waterproof, anti-vandal

Specification

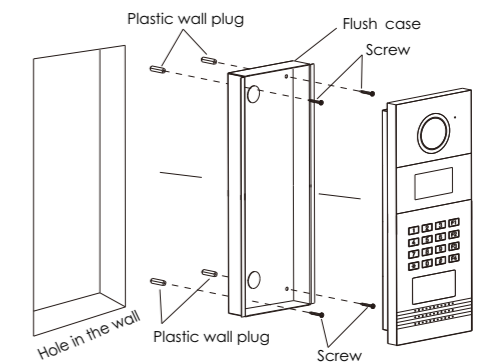
Material	Aluminum alloy
Color	Silver
Camera	700TVL
View Angle	90°
Working voltage	DC 15V
Working current	100mA
Working temp.	-25°C ~ 65°C
Illumination	0.1Lux
Backlight	Blue
Night light	6 white LEDs
IP rate	IP65
Installation	Flush mounted
Dimension	140(W) x 365(H) x 48.3(D)mm
System	4+2 wires Cat5 TCP/P

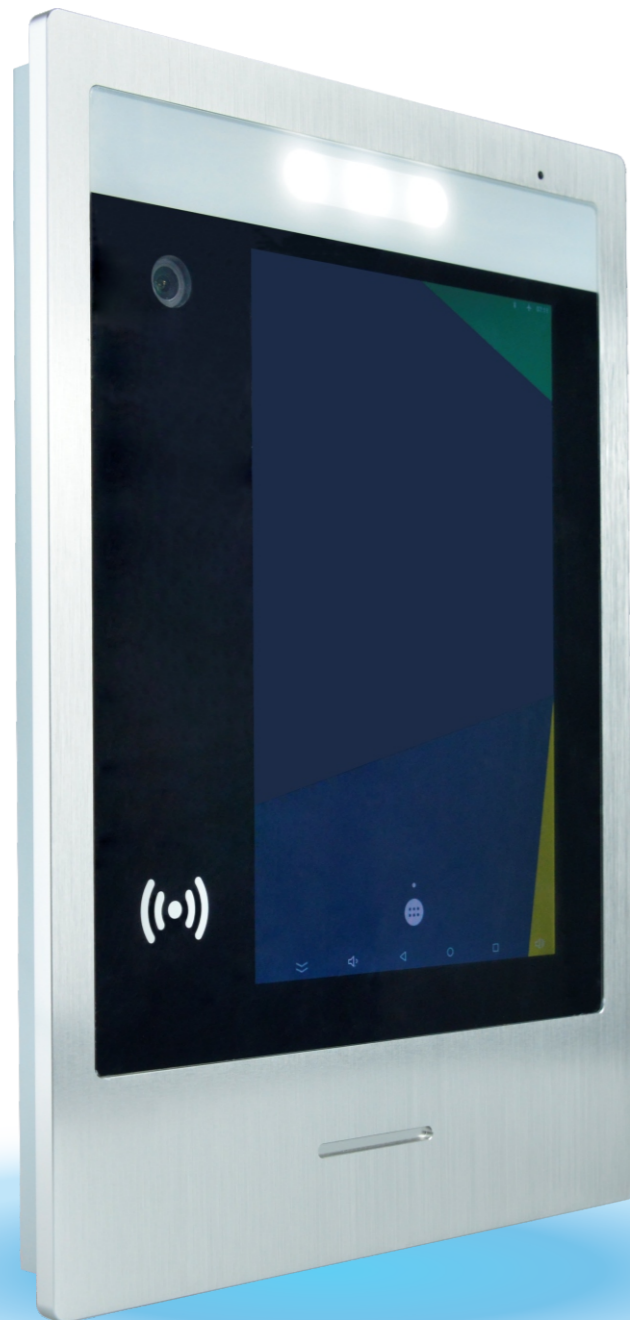
System	Model No.	Material	Keypad
4+2 wires building system	PL851DC4CPDK	Aluminum alloy	With
Cat5 one cable system	PL851DC4CPDK	Aluminum alloy	With
TCP/IP system	PL851IPDK	Aluminum alloy	With

Product Views



Installation





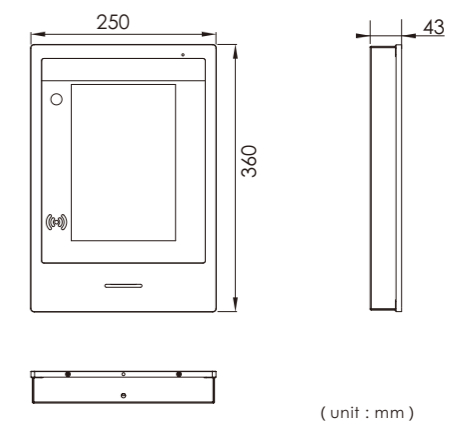
WiFi IP outdoor station for multi-apartment

- ▶ 10 inch TFT touch screen
- ▶ Tempered glass with brushed aluminum ally panel
- ▶ Support 9999 apartments
- ▶ Wireless for each apartment
- ▶ Compatible with Android and IOS devices, remotely unlocking for friends or guests.

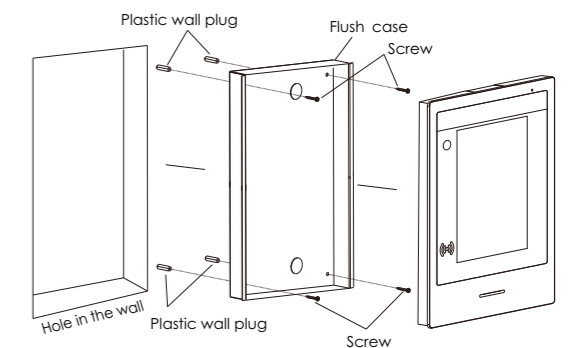
Specification

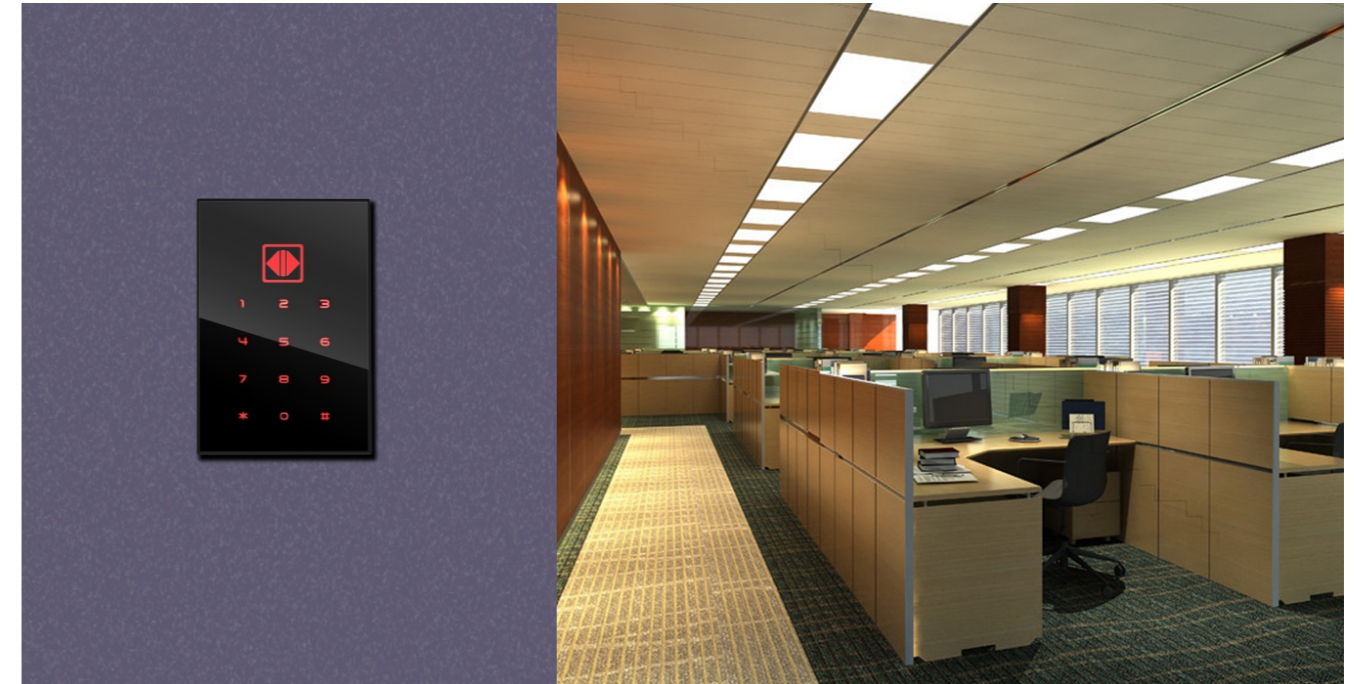
Material	Aluminum alloy and tempered glass
Operation System	Android 5.1
Video Compression	H.264
Camera	1/3" 1080P
Lens	3.6mm
View Angle	90°
LCD screen size	10" TFT
Working voltage	DC 12V
Working current	820mA
Working temperature	-30°C ~ 60°C
Relative Humidity	10%- 90%
Installation	Surface / Flush mounted
Dimension	250 (W) x360 (H) x43 (D) mm

Product Views



Installation





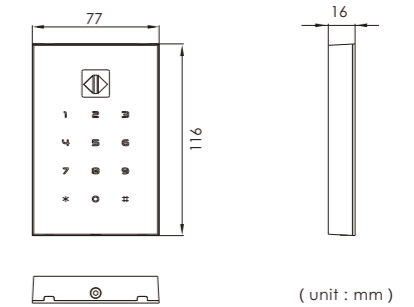
Access control with touch keypad

- ▶ ABS plastic panel
- ▶ Blue, red, white backlit keypad for option
- ▶ Touch keypad operation
- ▶ Waterproof
- ▶ Built-in EM reader

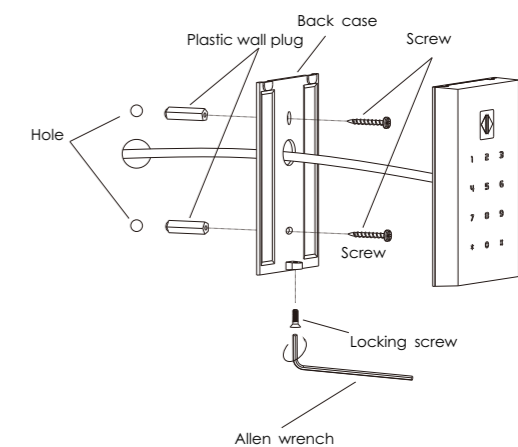
Specification

Material	ABS plastic
Color	Black
Working temp.	-25°C ~ 65°C
Working voltage	AC/DC 12V-24V
Working current	45mA
Card Mode	ID card
Reader Frequency	125KHZ
Card Effective Distance	<5CM
IP rate	IP65
Dimension	77(W) x 116(H) x 16(D)mm
Capacity	1000 Codes or Fobs

Product Views



Installation





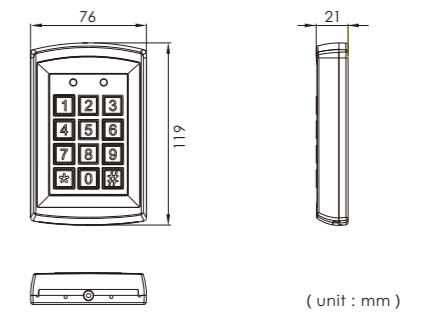
Metal access control

- ▶ High quality die-cast zinc alloy
- ▶ Keypad with LED back light
- ▶ Waterproof and anti-vandal
- ▶ Built-in EM reader
- ▶ Terminal block for option

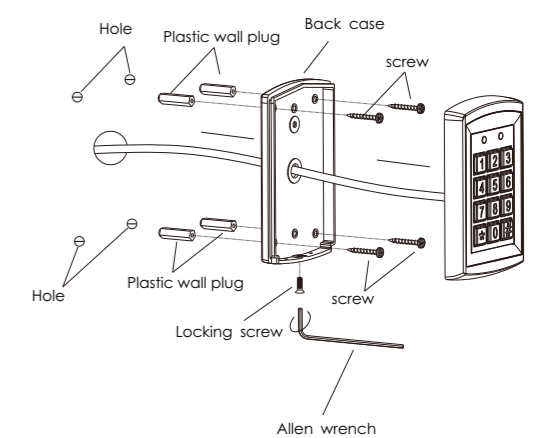
Specification

Material	Zinc alloy
Color	Silver
Working temp.	-30°C ~ 70°C
Working voltage	AC/DC 12V-24V
Working current	60mA
Card Mode	ID card
Reader Frequency	125KHZ
Card Effective Distance	<5CM
IP rate	IP65
Dimension	76(W) x 119(H) x 21(D)mm
Capacity	1010 Codes or Fobs

Product Views



Installation





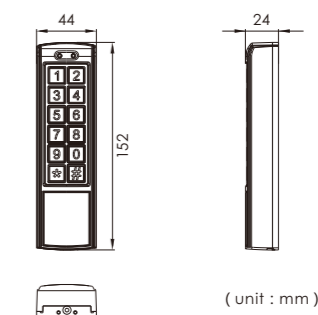
Metal access control

- ▶ High quality die-cast zinc alloy
- ▶ Keypad with LED backlight
- ▶ Equisite slim, fashionable design
- ▶ Waterproof and anti-vandal
- ▶ Built-in EM reader

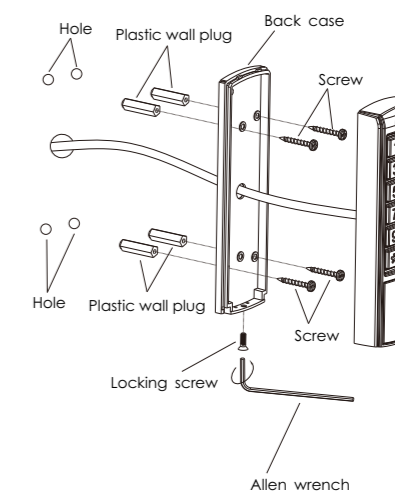
Specification

Material	Zinc alloy
Color	Silver
Working temp.	-30°C ~ 70°C
Working voltage	AC/DC 12V-24V
Working current	50mA
Card Mode	ID card
Reader Frequency	125KHZ
Card Effective Distance	<5CM
IP rate	IP65
Dimension	44(W) x 152(H) x 24(D)mm
Capacity	1010 Codes or Fobs

Product Views



Installation





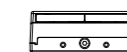
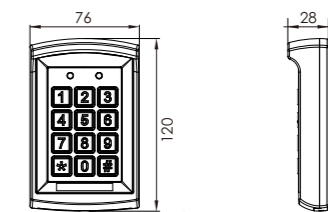
Metal access control with rain cover

- ▶ High quality die-cast zinc alloy
- ▶ Keypad with LED back light
- ▶ Waterproof and anti-vandal
- ▶ Built-in EM reader
- ▶ Terminal block for option

Specification

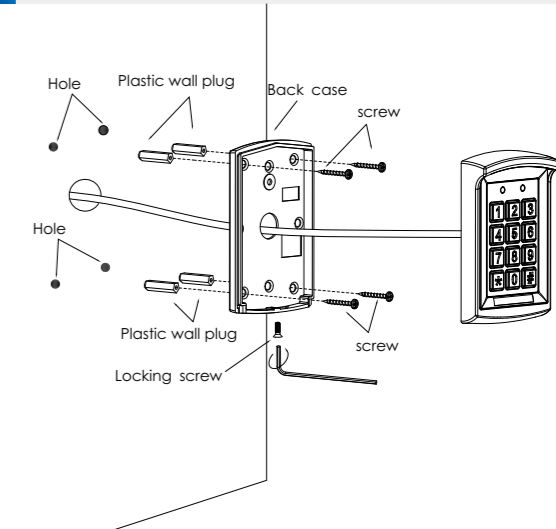
Material	Zinc alloy
Color	Silver
Working temp.	-30°C ~ 70°C
Working voltage	AC/DC 12V-24V
Working current	60mA
Card Mode	ID card (IC card for option)
Reader Frequency	125KHZ
Card Effective Distance	<5CM
IP rate	IP65
Dimension	76(W) x 120(H) x 28(D)mm
Capacity	1010 Codes or Fobs

Product Views



(unit : mm)

Installation





Access Control with Metal Touch Keypad

- ▶ Aluminum alloy panel
- ▶ Brush finished silver
- ▶ Waterproof, anti-vandal and durable
- ▶ Patent metal touch technology
- ▶ Buttons with blue back light

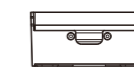
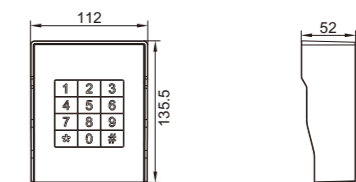
Specification

- ▶ Capacity: 40 codes
- ▶ 2-6 digits code

Working temperature	-25°C~65°C
Installation	Surface mounted
IP rate	IP65(With rain cover)
Dimension	112×135.5×52 (mm)

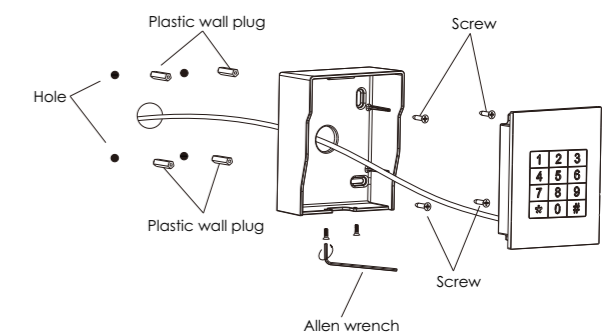
System	Model No.	Color	Remark
Stand-alone	AC280SA	Silver	

Product Views



(unit : mm)

Installation





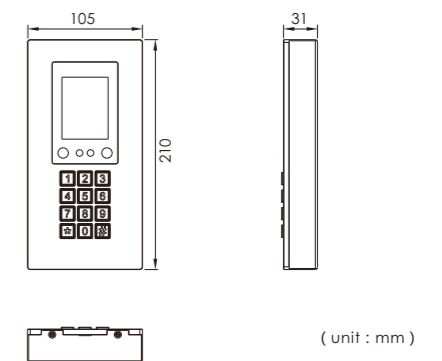
Facial recognition access control

- ▶ Aluminum alloy panel
- ▶ Facial recognition unlocking
- ▶ PIN code access unlocking
- ▶ Brush processing

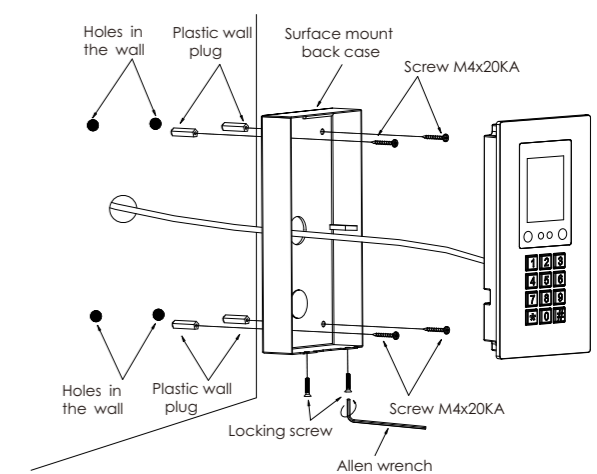
Specification

Material	Aluminium alloy
Color	Silver
Capacity	300 users
Working voltage	DC 12V
Working current	310mA
Access mode	Facial recognition or PIN code
Working temp.	-20°C ~ 55°C
Illumination	0.1Lux
Backlight	Blue
IP rate	IP65
Installation	Surface mounted
Dimension	105(W)x210(H)x 31mm(D)
System	Linux

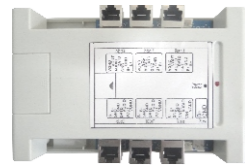
Product Views



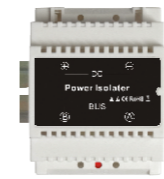
Installation



Accessories



CS220
 Short Circuit Protector
 Support 4-route indoor units
 Working Voltage : 15V
 Working Temperature : -25°C~65°C
 Installation : surface mounted
 Dimension : 160x105x36(mm)



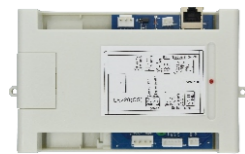
CP30
 Power Isolator (for 2 wires building system)
 Installation: Din rail surface mounted



MU220
 Multi-entrance Connector
 Support 4 outdoor stations
 Working Voltage : 15V
 Working Temperature : -25°C~65°C
 Installation : surface mounted
 Dimension : 160x105x36(mm)



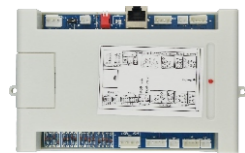
SP26
 DIN Rail Power Supply
 Input Voltage: 100V~240V
 Output Voltage: 18V, 3A/ 18V, 1.5A/ 15V, 1.5A/ 12V, 1A/ 32V,1A



LK220
 Unlocking Connector
 Connected with outdoor station and E-lock
 Working Voltage : 15V
 Working temperature : -25°C~65°C
 Installation : surface mounted
 Dimension : 160x105x36(mm)



SP28
 DIN Rail Power Supply
 Input Voltage: 100V~240V
 Output Voltage: 15V, 4A / 12V,5A / 18V, 3A / 30V,2A / 10V, 6A



NK220
 Network Connector
 Working Voltage : 15V
 Working temperature : -25°C~65°C
 Installation : surface mounted
 Dimension : 160x105x36(mm)



LP22
 Power Box
 Input Voltage: 100V~240V
 Output Voltage: 18V, 3A



CS320
 Short Circuit Protector (Floor distributor)
 RJ45 connection
 Working voltage: 15V
 Support 4-way indoor units
 Working Temperature: -25°C~65°C
 Dimension: 138x87x36(mm)



SP24
 Plug Power Supply
 Input Voltage: 100V~240V
 Output Voltage: 18V, 1.5A / 15V, 1.5A/ 12V, 1A



Proximity key tag
 Color:black/red/blue/green/yellow



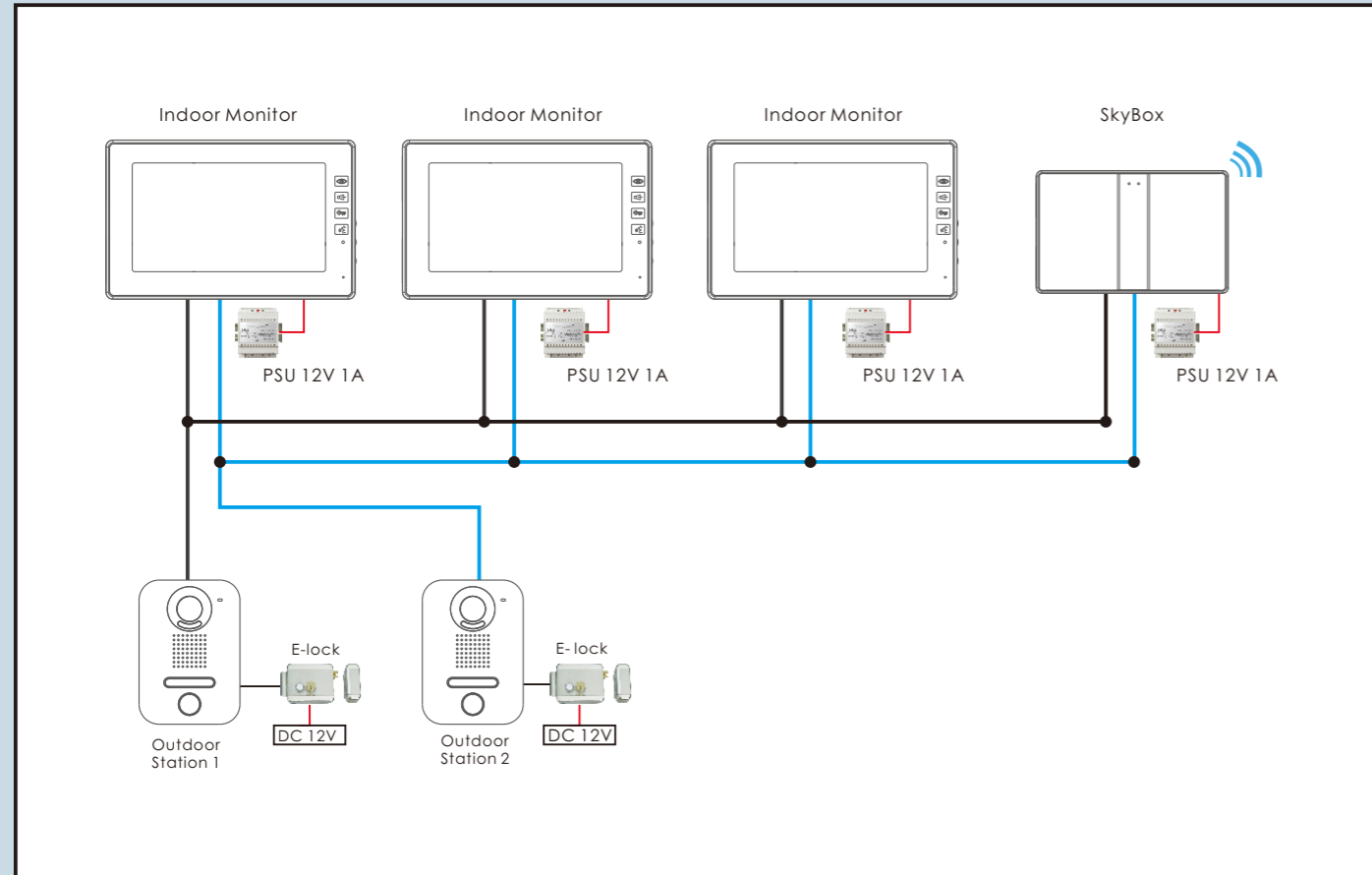
Proximity Cards
 Thick card / thin card



SP22
 Desktop Power Supply
 Input Voltage: 100V~240V
 Output Voltage: 18V, 3A

4 Wires Villa System

Schematic Diagram:



- Widely used in houses, villas, small offices
- Easy 4 wires connection & DIY
- Flexible configurations:
Max. 4 indoor monitors and 2 outdoor stations
- Video intercom, monitoring, door release, call transfer, door bell
- For options:
Picture memory, video recording

Features:

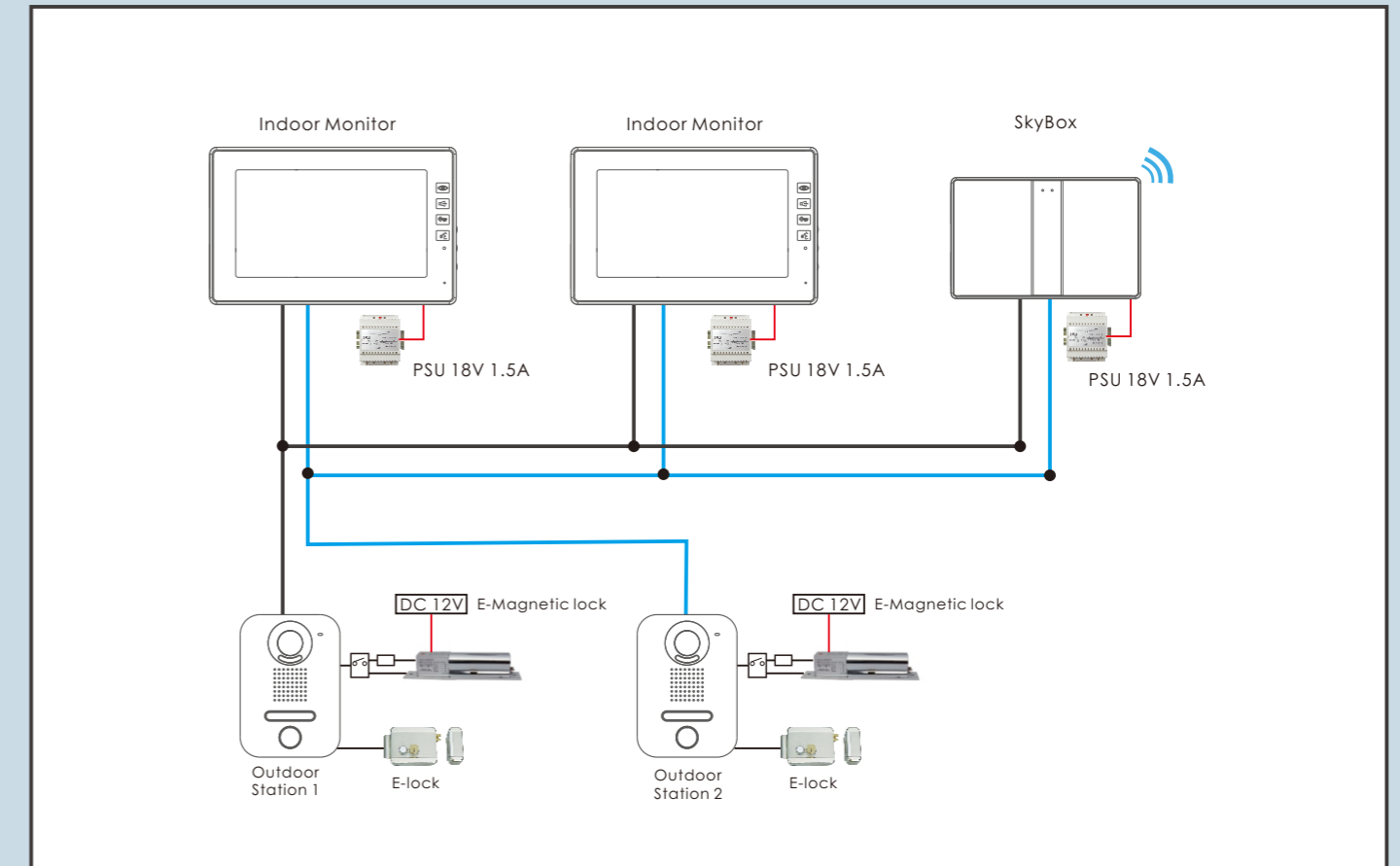
- Outdoor station powered by monitors;
- By video and audio isolated technology, excellent performance;

Cable Selection:

DESCRIPTION	LEGEND	SPECIFICATION	LENGTH(m)
Cable from Outdoor Unit to Indoor Phone	Black	RVV 0.5mm ² × 4	L ≤ 70
	Blue	RVV 0.75 mm ² × 4	L ≤ 100

2 Wires Villa System

Schematic Diagram:



- Flexible configurations
Support max. 3 indoor monitors and 2 outdoor stations
- Video intercom, monitoring, remote door release
- Suitable for villas
- Easy installation & DIY

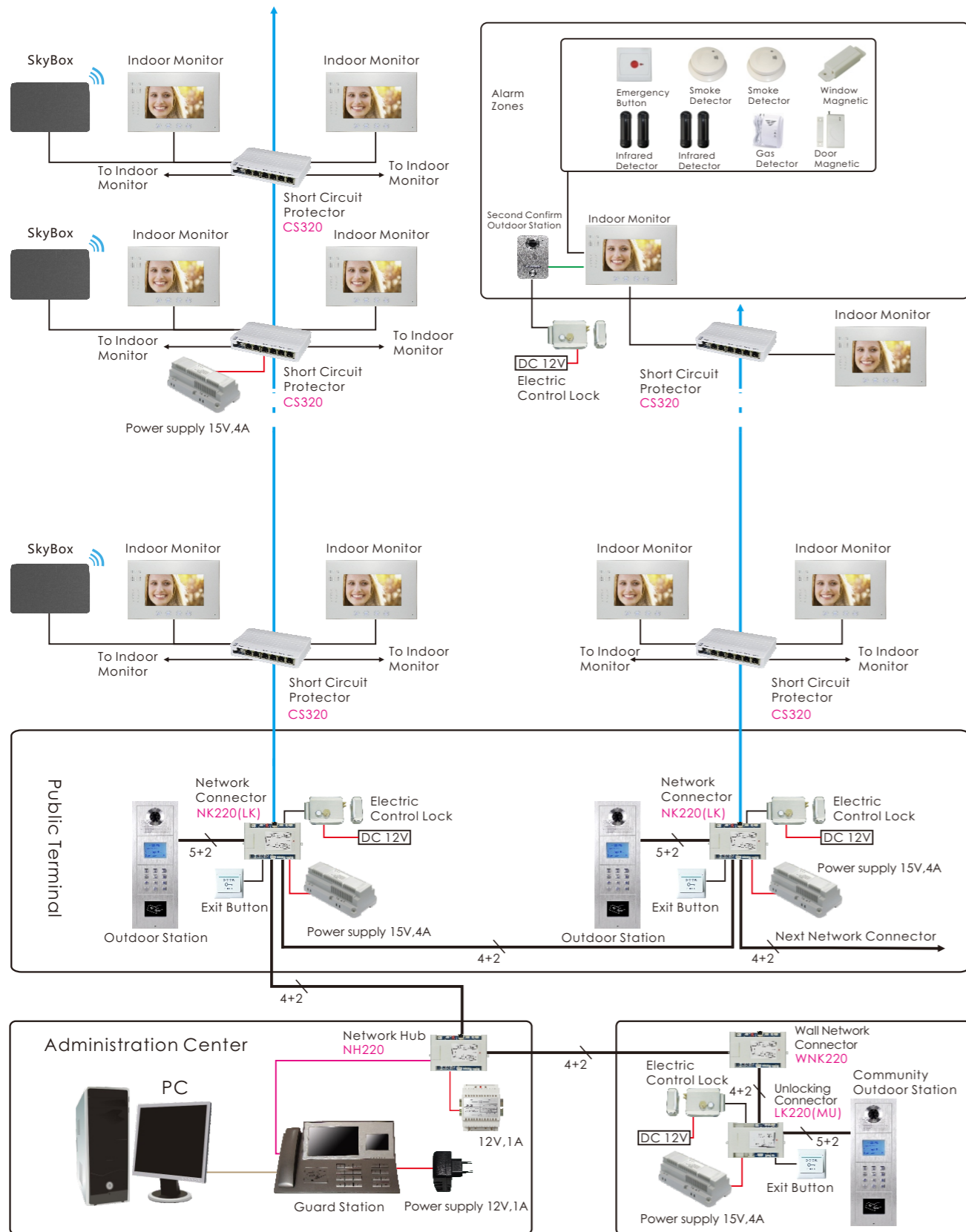
Features:

- Use 2-core wire to connect between the outdoor station and indoor monitor;
- Unlock two door locks;
- Non-polarity & DIY;
- Outdoor station powered by monitors;
- Easy-to-install and save cable.

Cable Selection:

DESCRIPTION	LEGEND	SPECIFICATION	LENGTH(m)
Cable from Outdoor Unit to Indoor Phone	Black	RVV 0.5mm ² × 2	L ≤ 70
	Blue	RVV 0.75 mm ² × 2	L ≤ 100

Cat5 One Cable Multi-apartment System



Cable Selection

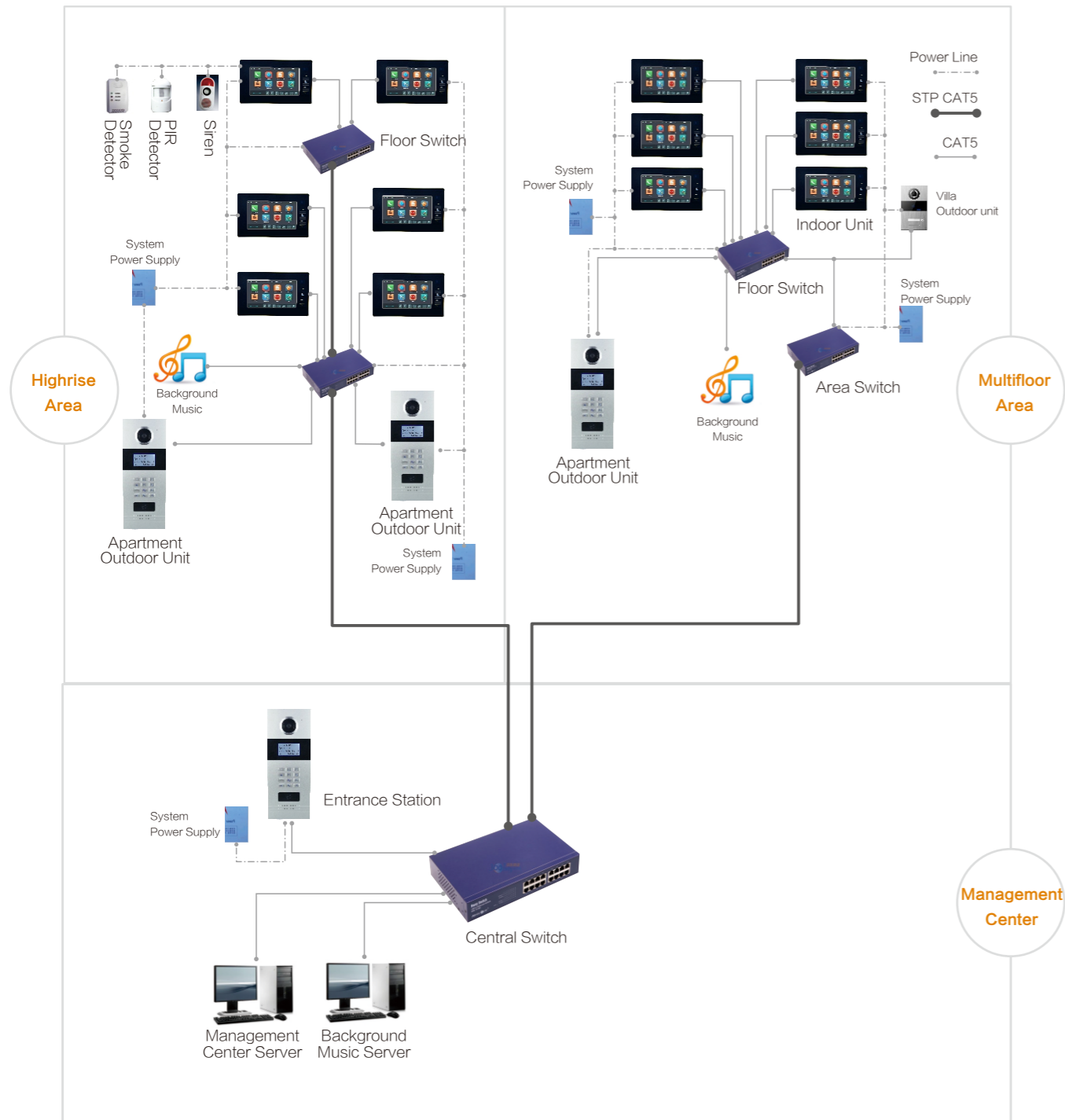
Devices	Wires	Description		
Wires for Indoor Part 1				
Short Circuit Protector	—	Indoor Monitor	UTP5E	Video / Signal / Audio / Power Supply
Indoor Monitor	—	Indoor Monitor	UTP5E	Video / Signal / Audio / Power Supply
Wires for Indoor Part 2 (connect to second confirm outdoor station)				
Short Circuit Protector	—	Indoor Monitor	UTP5E	Video / Signal / Audio / Power Supply
Indoor Monitor	—	Second Confirm Outdoor Station	RVV4	Video / Signal / Audio / Power Supply
Second Confirm Outdoor Station	—	Electric Control Lock	RVV2	Control
Indoor Monitor	—	Indoor Monitor	UTP5E	Video / Signal / Audio / Power Supply
Main Wires for Inside Building				
Network Connector	—	Short Circuit Protector	UTP5E	Video / Signal / Audio / Power Supply
Short Circuit Protector	—	The Last Short Circuit Protector	UTP5E	Video / Signal / Audio / Power Supply
Wires for Outdoor Part				
Network Connector	—	Unlocking Connector	UTP5E	Video / Signal / Audio / Power Supply
Unlocking Connector	—	Outdoor Station	UTP5E	Talk / Video / Signal / Audio / Power Supply
Unlocking Connector	—	Electric Lock	RVV2	Control
Unlocking Connector	—	Exit Button	RVV2	Control
Wires for Network Part				
Network Connector	—	Network Adapter	RVV4+SYV75	Video / Signal / Audio
Network Adapter	—	Guard Station	RVV4+SYV75	Video / Signal / Audio
Guard Station	—	PC	USB	Signal / Audio
Wires for Power Supply				
DC Power Output	—	Devices	RVV2	Power Supply

Note: All these statics are for reference.

Configuration of Power Supply

	Devices	Power	Configuration
Indoor Part	Short Circuit Protector+Indoor Monitor	SP28(15V,4A)	1 SP28 for 8 indoor monitors
	Short Circuit Protector+Indoor Monitor +Second-confirmed Outdoor Station	SP28(15V,4A)	1 SP28 for 8 indoor monitors & Second-confirmed Outdoor Stations
Outdoor Part	Unlocking Connector+Outdoor Station +Network Connector	SP28(15V,4A)	1 SP28 for 1 outdoor station and 1 unlocking Connector
Network Part	Guard Station+Network Connector	SP28(15V,4A)	1 SP28 for 1 guard station and 1 unlocking Connector

TCP/IP Multi-apartment Intercom System

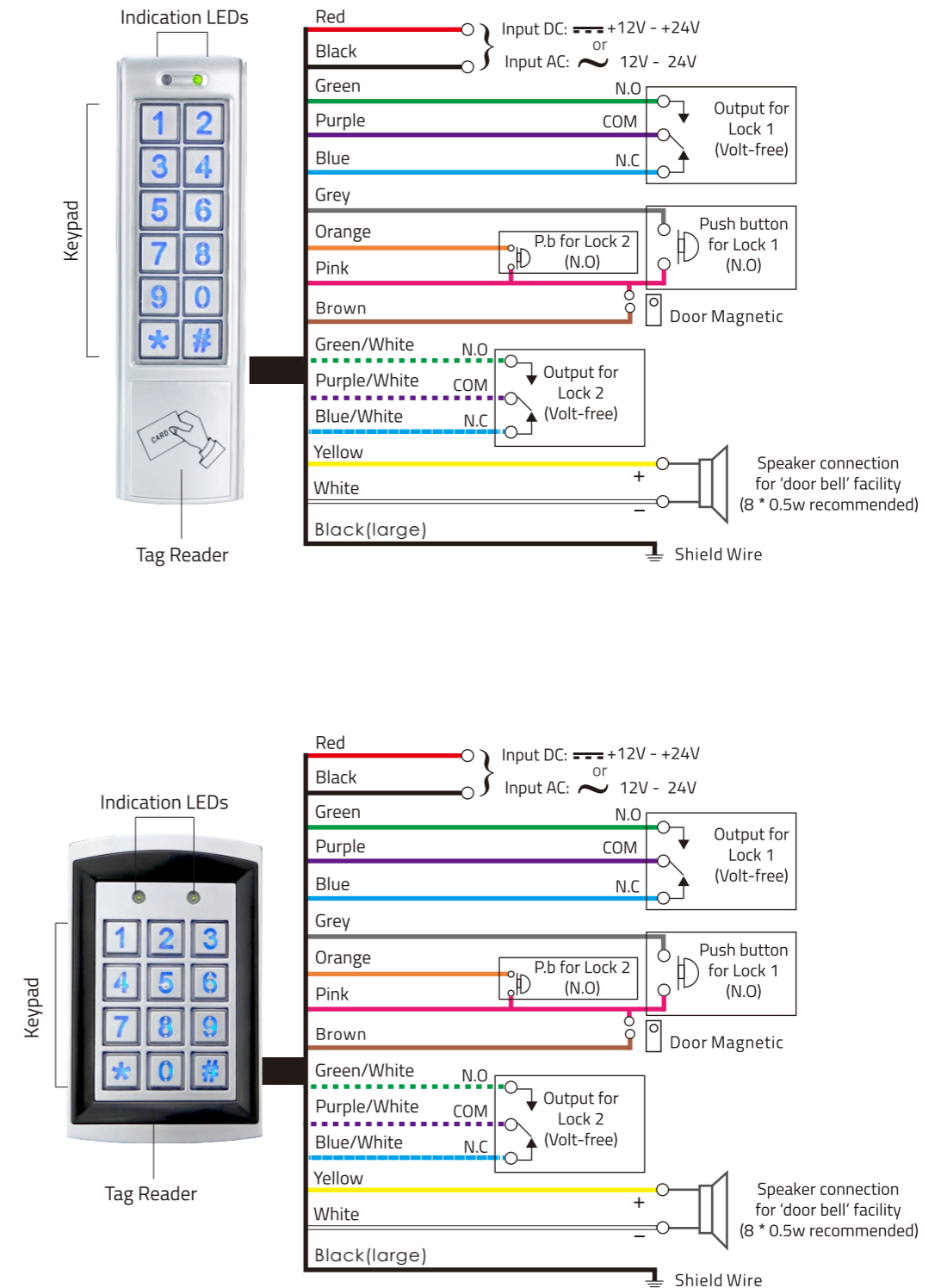


TCP/IP video door phone system is a full digital video door phone solution based on TCP/IP protocol. It supports digital video intercom, information broadcast, multi-channel calling, room-to-room intercom, alarm etc. The solution provides clear and fluent video intercom service and security alarm, which enhances the community security and safety.

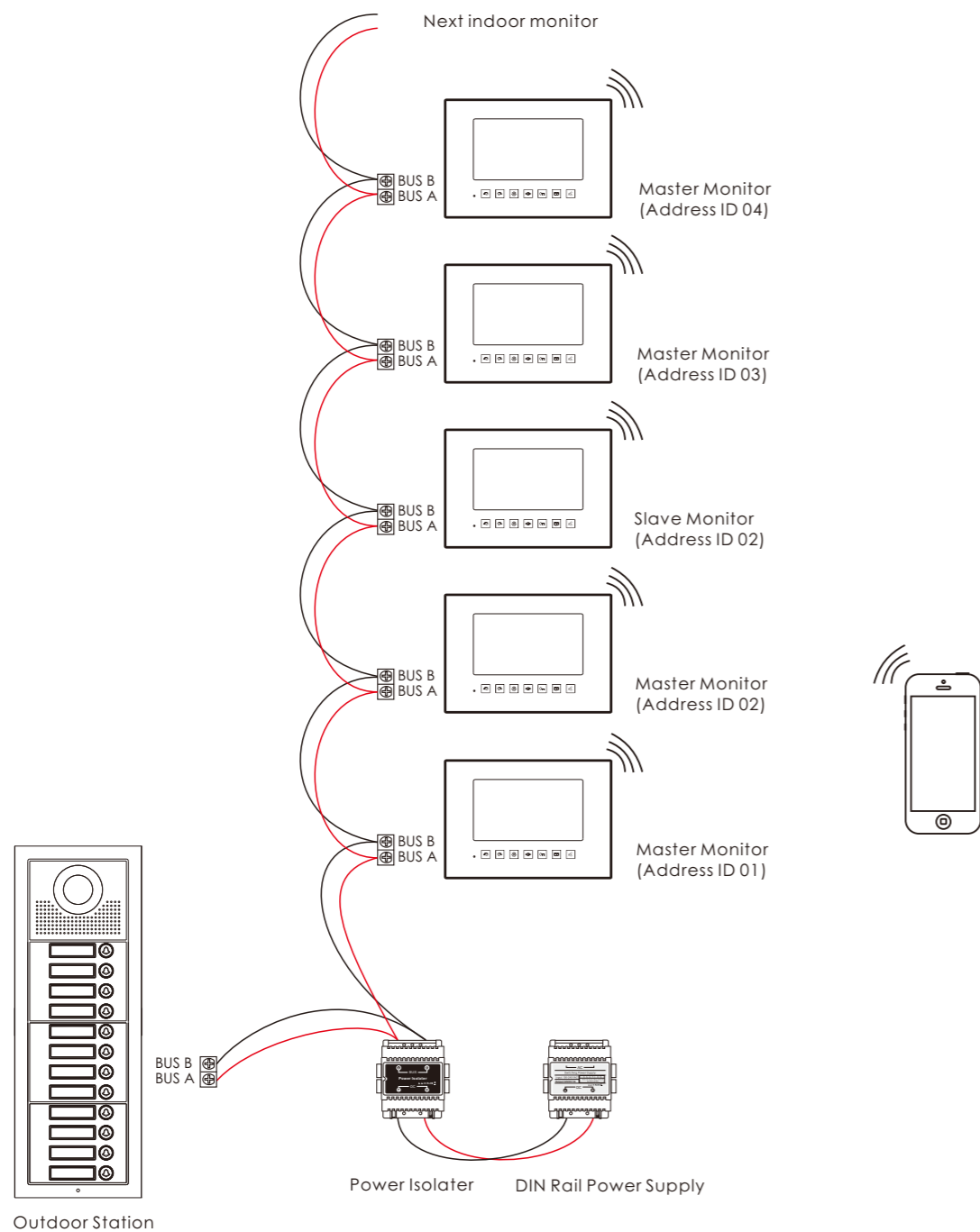
Features:

- Support max. 9999 apartments
- Smart home control, 8 alarm zones
- Central management, flat to flat intercom, message leaving function
- CAT-5e cable connection and support PoE switch, easy to install

Access Control



2 Wires Bus Multi-apartment Diagram



FEATURES:

1. BUS connection.
2. 2-wire non-polar wiring the whole installation, wire saving and convenient.
3. Maximal length of wiring can reach up to 300m.
4. Support up to max. 128 apartments.
5. Multiple monitors for one apartment/house.
6. Plug-in connectors and DIP switches for rapid installation.
7. Clear and stable picture and audio full duplex communication.
8. Support automatically/manually picture capturing.
9. Different type of outdoor station for different solution.

NOTES
