

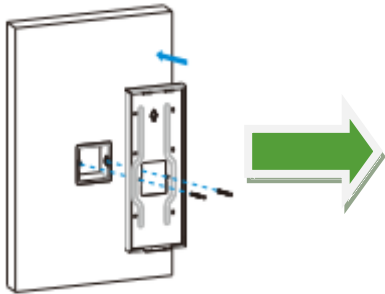
FE – IPDS – 29S QUICK GUIDE

PERFECT INTERCOM CHOICE FOR DAILY LIFE

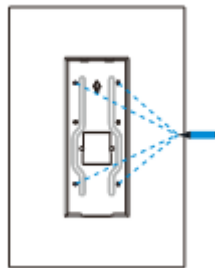
INSTALLATION

STEP 1: BRACKET/BOX INSTALLATION
WALL MOUNTING

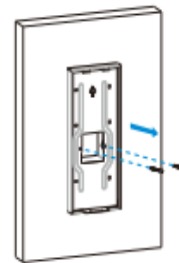
WITH 86 EMBEDDED BOX IN THE WALL



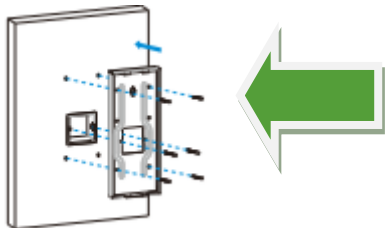
Fix the wall-mounting box on 86 embedded box with two M4x30 screws



Mark the four holes of the wall-mounting box on the wall



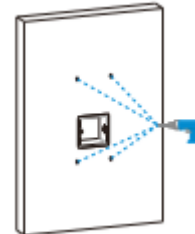
Take down two M4x30 screws and wall-mounting box



Fix the wall-mounting box with four ST4x20 screws and two M4x30 screws



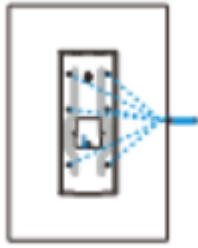
Insert the screw fixing seats into the hole



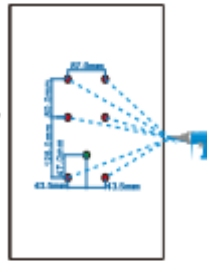
Use a hand drill with 5mm diameter bit to make holes in the marked positions



WITHOUT 86 EMBEDDED BOX IN THE WALL

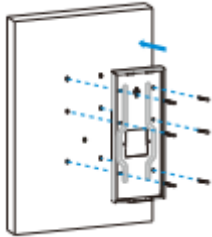


Mark the 6 holes of the wall-mounting box on the wall

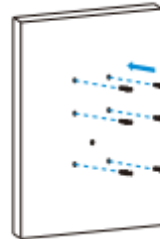


Use a hand drill with 5mm diameter bit to make the hole in marked positions

*Please note the relative position in the left figure and the maximum error should be less than 5mm



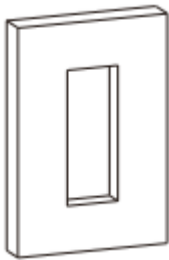
Fix the wall-mounting box with six ST4x20 screws



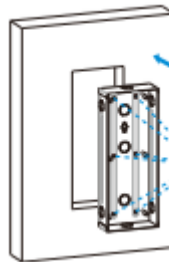
Insert the screw fixing seats into the holes you drilled before



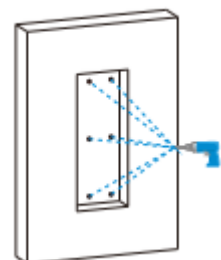
FLASH MOUNTING



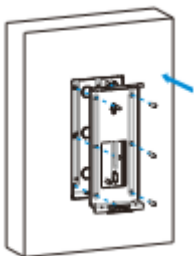
Dig out a square hole (height* width*depth=313.8*121.8*52 mm)
Note: The size of the hole should be a little larger than recommended value that can accommodate all cables



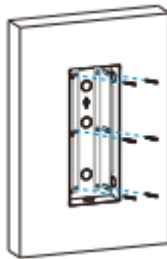
Insert the embedded box into the hole and make sure the cables of the device can route through the cable hole. Then mark the six holes of the wall embedded box on the wall



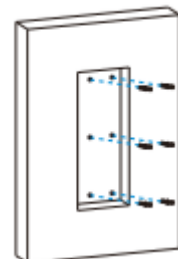
Take down the embedded box, then use a hand drill with 5mm diameter bit to make holes in the marked positions



Use six M4x10 screws to fix the flash-mounting bracket to the embedded box



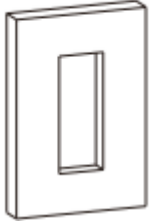
Place the embedded box into the square hole the edges of which align to the wall and make all cables go through the cable hole. Fix the embedded box with 6 TS4x20 screws. Then use cement or non-corrosive structural adhesives to fill the gap between the wall and embedded box



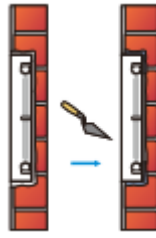
Insert the screw fixing seats into the hole you drill before



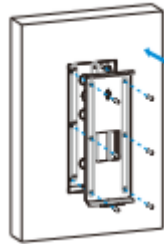
Or you can choose another simple method without fixing ST4x20 screws



Dig out a square hole
(height*width*depth=313.8*121.8
* 52mm) Note: The size of the hole
should be a little bigger than recommended
value that can accommodate all cables.

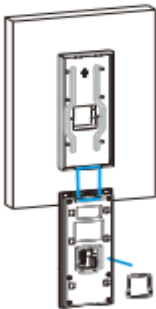


Use cement or non-corrosive structural
adhesives to fill the gap between the wall
and embedded box. Wait the adhesives
material desiccation, go to the next step



Use six M4X10 screws to fix the
flush-mounting bracket on the embedded box.

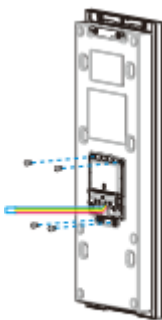
STEP 2: BACK COVER INTALLATION



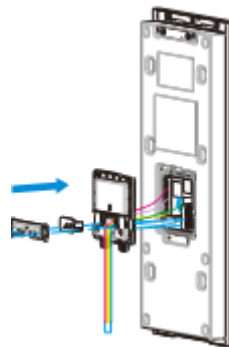
For convenient wiring, hang 29S
on the wall-mounting box/flush-mounting
bracket with rope. Then insert the silicon
rubber sealing ring into the groove



Take down the back cover, locking plate and
rubber plug



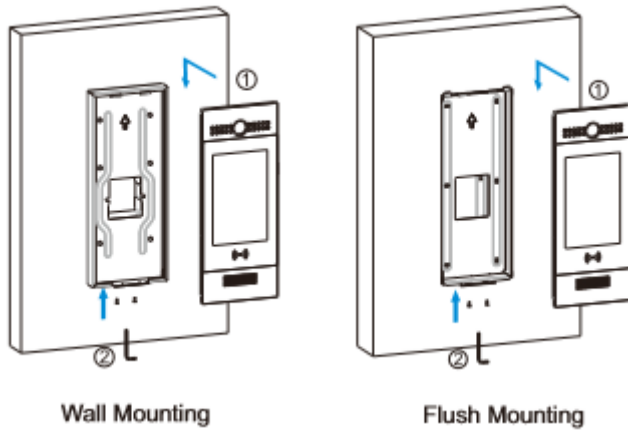
Use four M3x5 screws to fix the back cover



Make cables go through the back cover, connecting
to the corresponding interfaces of the main board. Choose a
suitable size rubber plug to compress cables the locking cable plate



STEP 3: DEVICE MOUNTING



1.Place the device into the wall-mounting box / flush-mounting bracket until the edges of which align to the wall. Then pull the device downward and ensure the groove of it hooks to the lock catches of the back box.

2.Use the Allen wrench to tighten the device with twoM3x6 screws.

OPERATION

Make a call: Input the room number , press Dial key to make a call.

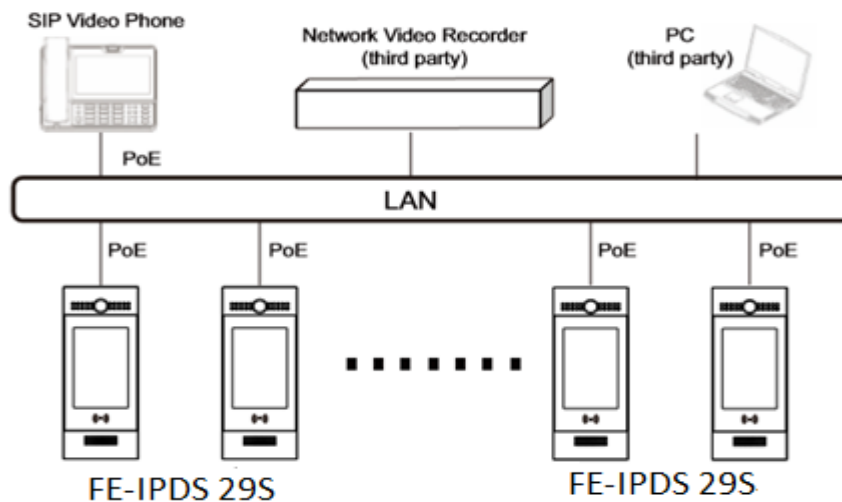
Receive a call: 29S supports Auto Answer by default. Incoming calls from indoor device will be answered automatically.

Unlock by DTMF: During the call , press the corresponding DTMF code in door phone to unlock 29S remotely.

Unlock by Private Key: When idle, enter # + 8 digital password + # to open the door.

Unlock by RF Card(Optional): Place the predefined RF Card in the RF reader area to open the door.

APPLICATION SCENARIO



CONFIGURATION

1. IP Address Checking: Press 9999 in dialing interface, then input 3888 to enter the system interface. Click Info to check the IP address. 29S uses DHCP by default.
2. Account Registration: On web UI, go to the path: **Account** -> **Basic** page to register account and fill in the account information. (Please refer to user manual for more information)
3. DTMF Code Configuration: On web UI, go to the path: **Phone** -> **Door setting** -> **DTMF** and choose the DTMF code number in corresponding area.

UNPACKING

Universal Accessories:

- | | | |
|---------------------------------|-------------------------|-----------------|
| ST4x20 screw x 6 | Screw fixing seat x 6 | M3x6 screw x 3 |
| M3x5 screw x 4 | Rope x 1 | Rubber Plug x 3 |
| ST1.7X4 x 2 | Allen Wrench X 1 | R29X x 1 |
| Back cover x 1 | Locking Cable Plate x 1 | |
| Silicon rubber sealing ring x 1 | | |

Wall mounting Accessories:

- | | |
|-----------------|-----------------------|
| M4x30 screw x 2 | wall-mounting box x 1 |
|-----------------|-----------------------|

Flush mounting Accessories:

- | | | |
|-----------------|----------------------------|------------------|
| M4x10 screw x 6 | Flush-mounting bracket x 1 | Embedded box x 1 |
|-----------------|----------------------------|------------------|

PRODUCT OVERVIEW



29S

FREUND ELEKTRONIK A/S, IN COOPERATION WITH ITS SISTER COMPANY FREUND ELEKTRONIKA SARAJEVO, IS DEVELOPING IP-BASED INTERCOM, AUDIO, ACCESS CONTROL AND SMART HOME SOLUTIONS.

WE HAVE MORE THAN 30 YEARS OF EXPERIENCE IN THIS TECHNOLOGY FIELD AS DEVELOPER, MANUFACTURER AND RESALER COMPANY.

IN THE INDUSTRY, WE NEGOTIATE THE MOST INNOVATIVE SOLUTIONS WITHIN BUILDING COMMUNICATION. WE HAVE DAILY FOCUS ON DEVELOPMENT AND USER-FRIENDLINESS AND OUR PRODUCTS HAVE TECHNICAL HIGH QUALITY AND PLEASANT DESIGN.

AS A DEVELOPER AND MANUFACTURER OF OUR OWN IP-INTEGRA SYSTEMS, WE ARE ON TOP OF THE MOST ADVANCED SYSTEMS FOR DOOR TELEPHONY, PUBLIC AUDIO AND ACCESS CONTROL SOLUTIONS.

OUR DEVELOPMENT DEPARTMENT HAVE DEVELOPED, TOGETHER WITH OUR PARTNERS, ELEGANT AND ROBUST DOORPHONES, SIP-CENTRALS, TERMINALS, IP-SPEAKERS, ACCESS CONTROLLERS AND APPLICATIONS WITH INTELLIGENT FEATURES AND THE MOST ADVANCED TECHNOLOGY, BUT AT THE SAME TIME EASY FOR OUR CUSTOMERS TO USE.

FREUND GROUP IS ONE OF THE TOP PROVIDERS ON THE MARKET FOR IP-BASED BUILDING CONTROL AND COMMUNICATION AND RELATED SYSTEMS.

FREUND ELEKTRONIKA d.o.o

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