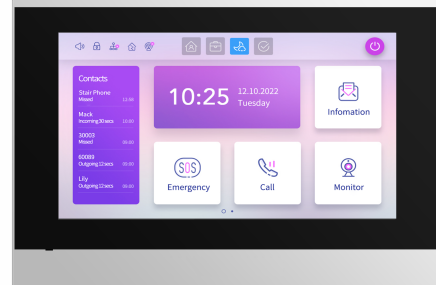# ISESAR **IS-X67S**

INTERCOM

Premium SIP touch screen for spaces

NEXhome X67S is a 7-inch Linux indoor unit. The slim design can fit into limited spaces. With variety of features and stable performance, this model is good for apartment buildings projects.

Highlights

- Linux system
- 7-inch touchscreen and hands-free intercom
- Connect up to 8 security sensors
- Can call elevator from home
- Can monitor security cameras

- Call with manager and tenants
- Support PoE
- Build-in Wi-Fi (Optional)
- Easy to integrated with SIP systems and services
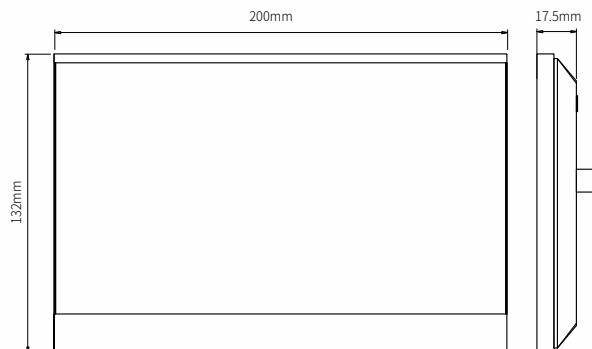
Physical & Power

- Front panel: ABS
- RAM / ROM: 128MB / 128MB
- Display: 7-inch TFT-LCD
- Screen: Capacitive touch screen
- Wi-Fi: IEEE802.11b/g/n, @2.4GHz (Optional)
- RS485: Support
- Bell in: 1
- I/O: 8 (for alarms and sensors)
- Relayout: 1
- Output: 1

- Microphone: -40dBV
- Speaker: 8Ω/ 1W
- Ethernet: 1×RJ45, 10/100Mbps self-adaptive
- 802.3af Power-over-Ethernet
- DC12V/1A connector(if not using PoE)
- Installation: Wall-mounted
- Dimension: 200×132×17.5mm
- Working Humidity: ≤95%RH
- Working Temperature: -10°C ~ +55°C
- Storage Temperature: -40°C ~ +70°C

Screen & Display

- Display Mode: Normally white, Transmissive
- LCD Size: 7 inches (Diagonal)
- Aspect Ratio: 16:10
- Resolution: 1024×600
- Contrast ratio: 500:1
- Luminance: 240 cd/m²
- Viewing Angle: 50° Left, 50° Right, 40° Upper, 50° Lower
- Touch Screen: Projected capacitive

200mm   17.5mm

132mm

Video

- Video codec: H.264

VIDEO

Audio

- SIP v2 (RFC3261)
- Audio Codec: G.771a, G.711u, G.729 (Narrowband)
  G.722 (Broadband)
- DTMF: In-band, out-of-band DTMF (RFC2833), SIP Info
- Echo Cancellation

Networking

- Protocols: IPv4, HTTP, HTTPS, FTP, TFTP, SNMP, DNS, SNTP, RTSP, SRTP, RTP, TCP, UDP, TLS, ICMP, DHCP, ARP

Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Firmware upgrade
- System logs (include door access logs)

Scenarios

- Villas
- Single-family houses
- Apartment complexes
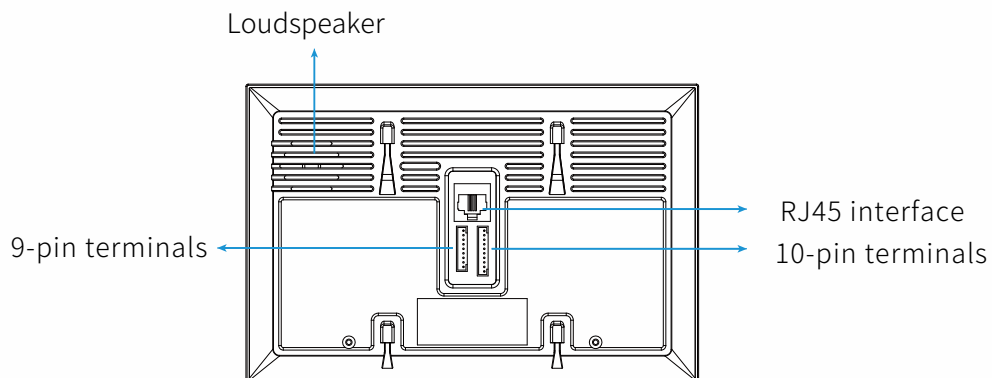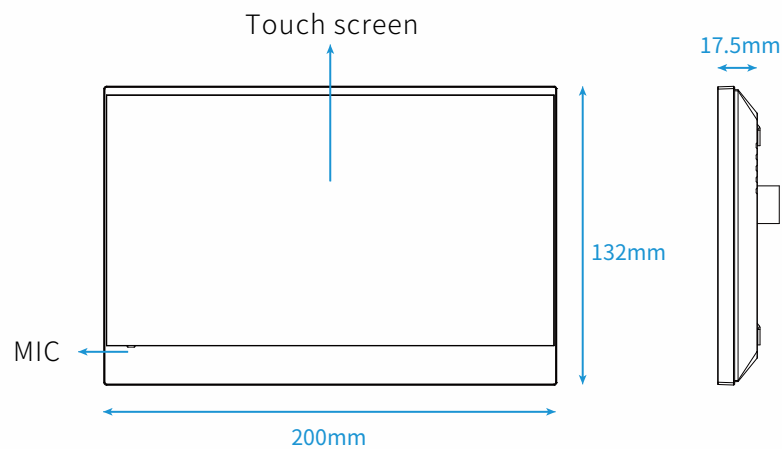
IS-X67S Series Quick Guide

1 | Preparation

Before the installation of the device, please check you have the following items on hand.

DH-X67S	Wall bracket	9-pin cable	10-pin cable	Screw M4×30
×1	×1	×1	×1	×2

2 | Product Overview

Touch screen

17.5mm

132mm

MIC

200mm

Loudspeaker

9-pin terminals

RJ45 interface
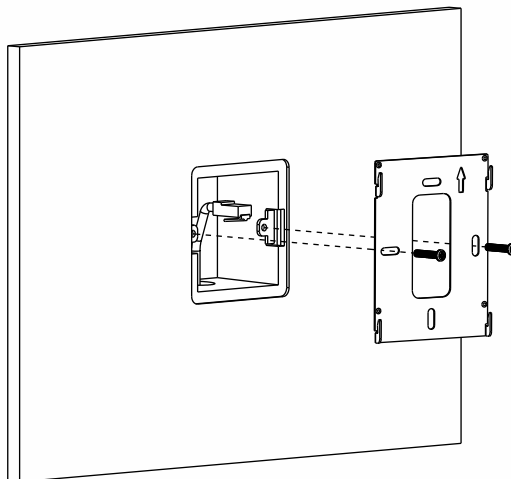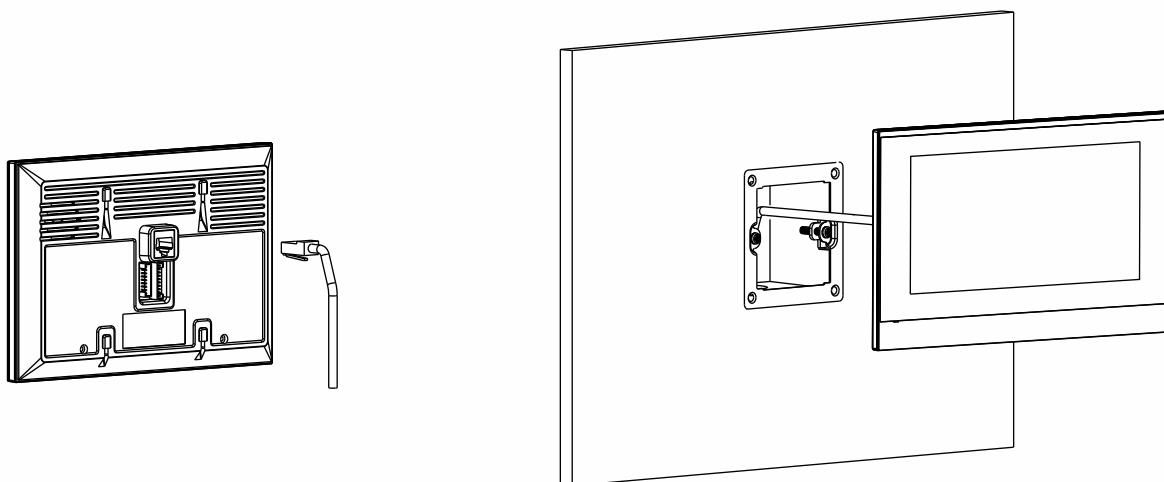10-pin terminals

3 | Installation

Bottom box embedded into the wall

Step 1: All cables and cords go through the bottom box.

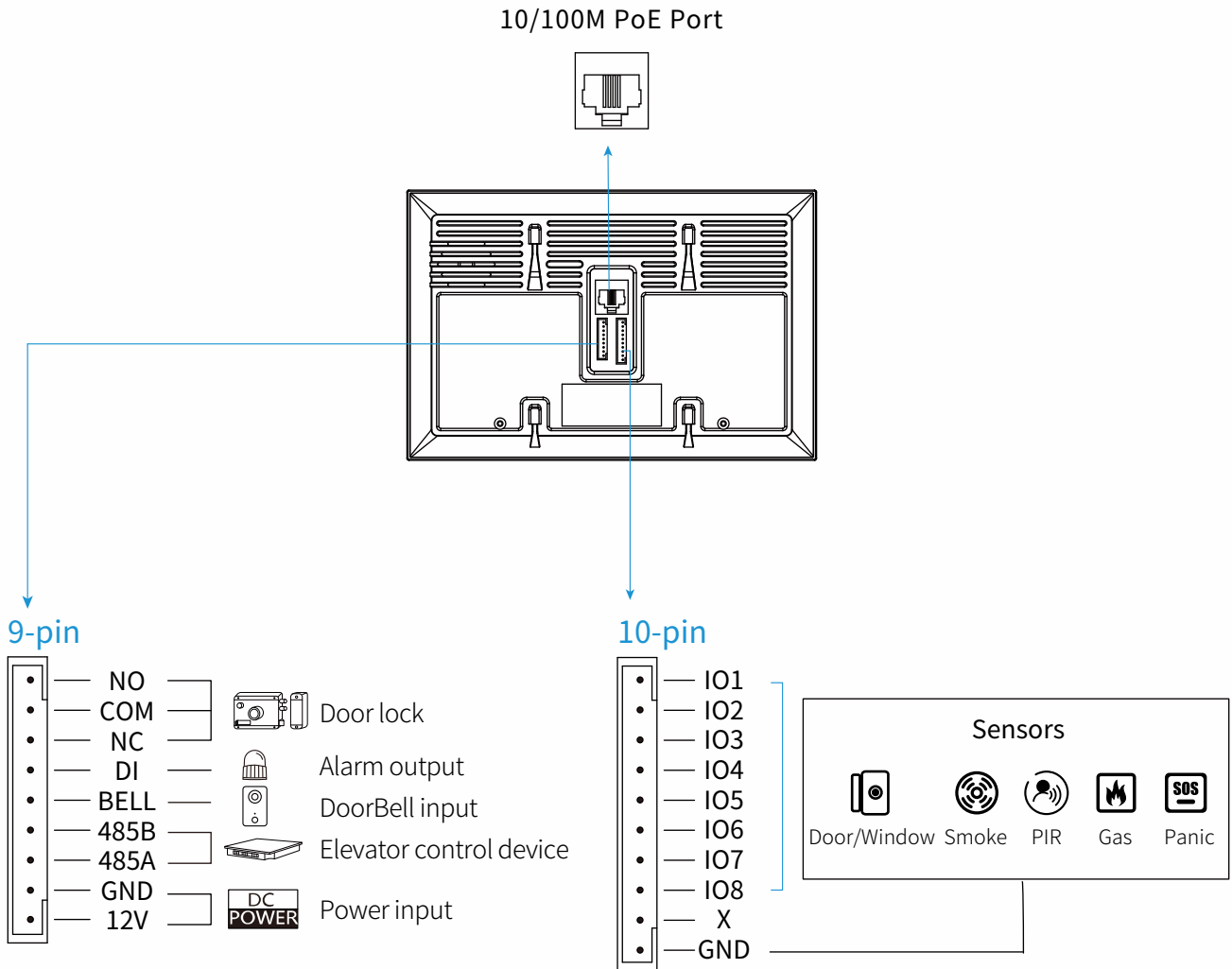Step 2: Lock the wall bracket on bottom box with two M4×30 screws

Step 3: Connect all cables and cords to corresponding interfaces of device.

Step 4: Attach the device on wall bracket and lock it with bracket hook.

4 | Interfaces

10/100M PoE Port

9-pin

- NO
- COM — Door lock
- NC
- DI — Alarm output
- BELL — DoorBell input
- 485B
- 485A — Elevator control device
- GND
- 12V — Power input

10-pin

- IO1
- IO2
- IO3
- IO4
- IO5
- IO6
- IO7
- IO8
- X
- GND

Sensors

Door/Window   Smoke   PIR   Gas   Panic

- Pin NO/COM is connected to the cathode lock;
- Pin NC/COM is connected to anode lock or magnetic lock;
- GND is for common ground cable, the the ground cable of 485 and BELL devices MUST share GND with X67S to ensure stable communications.

5 | Specifications

- OS: Linux
- Display: 7 Inch LCD
- Resolution:1024×600
- Input power: DC12V / 1A
- PoE: Support

- Front panel: ABS
- Working Temperature: -10℃ ~ 55℃
- Working Humidity: 10%~95%RH
- Equipment: 200×132×17.5mm

6 | Functions

Video intercom

The visitors call from door phone, you can confirm the identity by video call and unlock the door.

Video Surveillance

You can monitor the video stream from IP camera connected to system.

Make calls

You can make audio call property management or the other tenants on this device.

Home Security

The indoor monitor can connect up to 8 alarm zones in home, different alarm status can be set.