![IoT Expert logo]

Soft Button Display XL

The SBD-XL design integrates smart intercom,
ZigBee gateway and home automation.
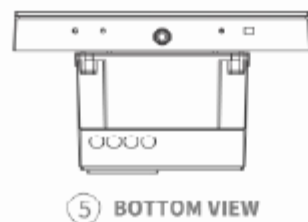
ii

by Oscar Rechou

Product Overview

The "Smart Touch Display" is a smart home center panel with a Android 13 operating system. The ALL IN ONE design integrates smart intercom, ZigBee gateway and home automation, and is compatible with plentiful ecosystem. Multi-modal interaction can be easily used by the whole family, offering the excellent smart home experience.
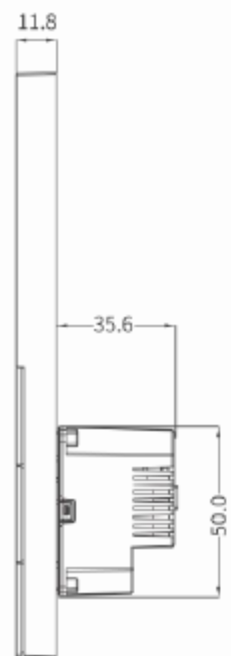
- 4" touch screen with energy saving mode

- Excellent performance with Android 13 System

- 2-gang relay, can connected to lights directly

- Smart intercom, ZigBee gateway, home automation ALL IN ONE

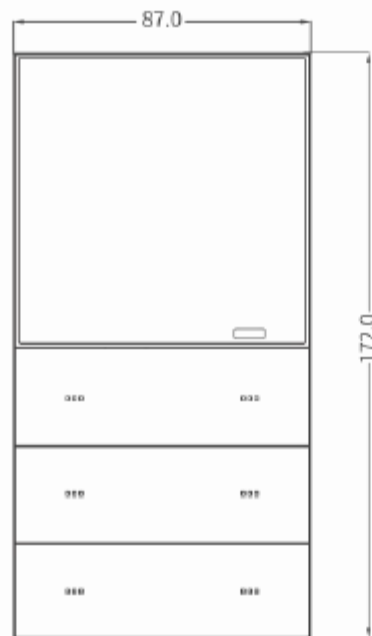- 6 touch buttons, suitable for the whole Family.
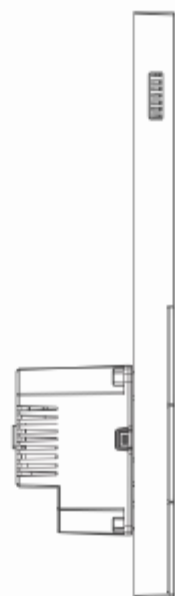
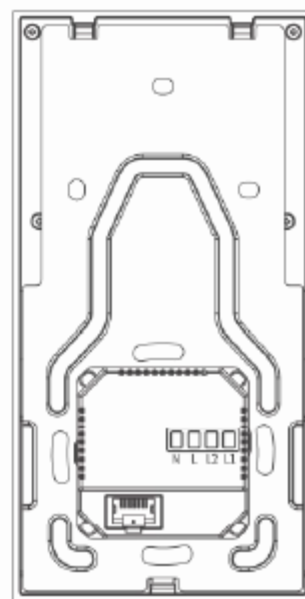- EU standard flush mounted box

Product Specification

⑤ BOTTOM VIEW

11.8

87.0

35.6
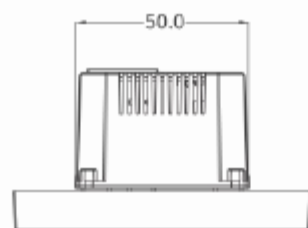
172.0

50.0

② RIGHT VIEW

① FRONT VIEW

③ LEFT VIEW

N L 1 2 3 1

④ BACK VIEW

50.0

⑥ TOP VIEW

A 50mm deep electrical box is highly recommended for ease of installation. In some scenarios, especially when the wires can be pushed back into the wall far enough, it may be possible to use a 40mm deep box.

Technical Information

Technical Specifications

- Model Number: SBD-XL-R2-EU

- Power Supply: 220Vac±20%

- Operation System: Android 13

- RAM / ROM: 2GB/ 8GB

- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz

- Bluetooth: BLE 5.3

Connectivity and Features

- Ethernet ports: 1xRJ45, 10/100Mbps adaptive

- ZigBee: ZigBee 3.0

- Relays out: 2-gang

- Microphone: Dual microphone,-26BFS

- Speaker: Single speakers, 8Ω / 1.5W

Built-in Sensors

Proximity Sensor

Detects nearby objects or user presence

Range: 30~60cm

Light Sensor

Measures ambient light levels

Low-level lux detection

Temperature Sensor

Monitors room temperature

Accuracy: ±1℃,
Range: -10℃~55℃

Humidity Sensor

Measures air moisture levels

Accuracy: ±5%,
Range: 10%~90%RH,
without condensation

Working Environment and Installation

Working Environment

- Environment: For indoor use only

- Working Humidity: 10~90%

- Working Temperature: -10°C ~ +55°C

- Storage Temperature: -20°C ~ +65°C

Installation Details

- Installation: Wall flush mounting

- Flush Mounted Module: EU/GB standard

- Wiring Way: Line &