

# DHI-SCP3022B-IBZ

## 2-Wire IP Smart Control Panel



### Functions

#### Smart Control Panel

Features multiple functions such as video intercom, video monitoring and wireless alarm. Its Android 14 system supports the installation of APK files, allowing for the expansion of third-party applications.

### Scene

It is ideal for villas, communities, apartments and hotels, and is well suited for offices.

### Technical Specification

#### System

|                  |                                   |
|------------------|-----------------------------------|
| Main Processor   | Embedded Processor                |
| Operating System | Android 14                        |
| Button Type      | Mechanical                        |
| Network Protocol | IPv4;RTSP;UDP;DNS;FTP;RTP;TCP;SIP |

#### Basic

|                   |                                          |
|-------------------|------------------------------------------|
| Screen Type       | Capacitive Touchscreen                   |
| Display Screen    | 7-inch display screen                    |
| Screen Resolution | 1024 (H) × 600 (V)                       |
| Audio Compression | G.711a; G.711u; PCM                      |
| Audio Input       | 1 channel                                |
| Audio Output      | Built-in speaker                         |
| Audio Mode        | Two-way audio                            |
| Audio Enhancement | Echo suppression/digital noise reduction |
| Audio Bit Rate    | 16 kHz, 16 bit                           |

- Adopts the Android 14 system, offering advanced performance and a user-friendly experience.
- Featuring a sleek full-screen design with an ultra-narrow black border, this device combines style and minimalism for an exceptional visual experience.
- With its 7-inch IPS capacitive touchscreen and multi-touch technology, the screen offers wide viewing angles of up to 80 degrees both horizontally and vertically, significantly enhancing work efficiency and operational flexibility.
- Includes multi-color indicators that feature the breathing light function to keep you updated on status changes.
- Wakes up automatically when a person approaches for a seamless experience.
- Equipped with a built-in light sensor, the device automatically adjusts the screen brightness for comfortable viewing.
- With its built-in temperature and humidity detectors, you can effortlessly monitor the conditions in your house at any time straight from the home screen.
- Supports multiple communication modes including IP, Wi-Fi and IP two-wire.
- Buttons can be removed and replaced, and their related functions can be personalized.
- Compatible with hearing loop systems, this control screen can be easily connected to hearing aids, ensuring accessibility for individuals with hearing disabilities.

#### Function

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Communication Mode   | Full digital                                                                 |
| Information Release  | Receive and view the published information from the management center        |
| Elevator Control     | Residents can call the elevator through this device to their floor.          |
| Leave Videos         | Yes (SD card is inserted in the indoor monitor or door station)              |
| DND Mode             | Do not disturb period can be set                                             |
| Number of Extensions | Villa: 1 main VTH and 9 extensions<br>Apartment: 1 main VTH and 4 extensions |
| Expansion Module     | ZigBee module<br>Wireless 868 MHz Sensor<br>Bluetooth module                 |
| Storage              | Supports micro SD card storage (up to 512 GB)                                |

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## Network

|                          |                          |
|--------------------------|--------------------------|
| Wi-Fi                    | Yes                      |
| Wireless Standard        | IEEE 802.11a/b/g/n/ac/ax |
| Wireless Frequency Range | 2.4 GHz                  |

## Port

|              |                                |
|--------------|--------------------------------|
| RS-485       | 1                              |
| USB          | 1                              |
| Alarm Input  | 8 channels                     |
| Alarm Output | 1 channel                      |
| Power Output | 1 port (12 V, 200 mA)          |
| Door Bell    | Yes (use the alarm input port) |
| Network Port | 1 × 10/100 Mbps Ethernet port  |

## Performance

|                 |          |
|-----------------|----------|
| Casing Material | PC + ABS |
|-----------------|----------|

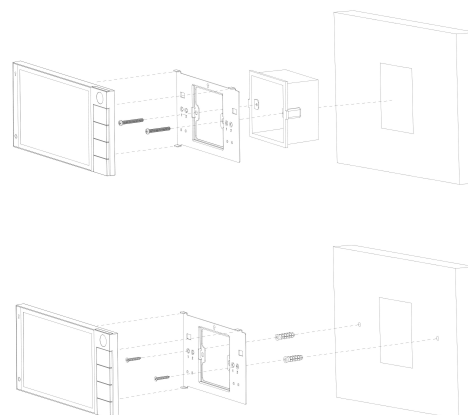
## General

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Appearance Color      | Gray                                                                                      |
| Power Supply          | 48 VDC, 0.5 A<br>Standard PoE                                                             |
| Power Adapter         | Optional                                                                                  |
| Installation          | Flush Mount                                                                               |
| Certifications        | CE                                                                                        |
| Accessory             | Included: RS-485 and power output cable, bracket and alarm cable.<br>Optional: Power cord |
| Product Dimensions    | 210.2 mm × 103.1 mm × 32.2 mm (8.28" × 4.06" × 1.27") (H × W × D)                         |
| Operating Temperature | -10 °C to +55 °C (+14 °F to +131 °F)                                                      |
| Operating Humidity    | 10%–95% (RH), non-condensing                                                              |
| Operating Altitude    | Below 3,000 m (9,842.52 ft)                                                               |
| Power Consumption     | ≤ 10 W (standby), ≤ 14 W (working)                                                        |
| Gross Weight          | 830 g (1.83 lb)                                                                           |
| Storage Temperature   | 0 °C to +40 °C (+32 °F to +104 °F)                                                        |
| Storage Humidity      | 30%–75%                                                                                   |
| Operating Environment | Indoor                                                                                    |

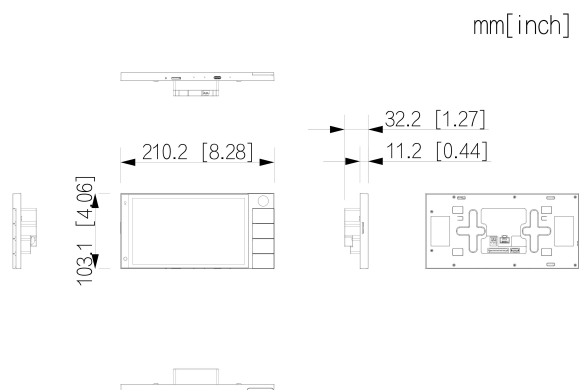
## Ordering Information

| Type                | Model            | Description                   |
|---------------------|------------------|-------------------------------|
| Smart Control Panel | DHI-SCP3022B-IBZ | 2-Wire IP Smart Control Panel |

## Installation



## Dimensions (mm[inch])



## Application

