# JB-QB-TX3003M

## Wireless Control Panel

## Feature and Benefits

1. Two-wire bus communication function

The Control Panel has two-wire bus communication circuit. The circuit supports 16 front end devices. It can connect with point type wireless smoke and heat fire detectors, and can be configured according to on-site environment requirements, which meets different requirements of the users.

2. Fire alarm dialing function

The Control Panel has fire alarm wireless dialing function. After a fire alarm is sent, the Control Panel can dial emergency contact person automatically according to stored information, inform the user of fire alarm to reduce loss. Note: if dialing function of the Control Panel is used, it is necessary to insert normal SIM card in specified position.

3. Operation interface with window and English character menu

The Control Panel adopts window menu command, which is simple and easily understood, convenient and intuitive. Just simple operation can achieve multiple functions of the system. The key of Control Panel is designed simply and reliably, including menu/return, mute/function, $\triangle/\triangledown$, confirm/reset.

## Overview

The JB-QB-TX3003MWireless Control Panel conforms to QTHA 20-2020 Enterprise Standard for Wireless Control Panel and is a new Wireless Control Panel for fire engineering in civil buildings. JB-QB-TX3003MWireless Control Panel (hereinafter referred to as Control Panel) comprises the host machine and special power supply box. It adopts wall-mounted type, with small volume, strong function, high reliability, easy installation and operation. The Control Panel can network with the fire alarm control panel of our company. The system adopts colorful LCD display and operates by keys on the panel.

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**Technical Specification**

The main technical Specification of the controller are shown in the table.

| Type | JB-QB-TX3003M |
|---|---|
| Power supply | Host machine power supply: Rated voltage AC220V/50Hz (187V~242V)<br>Host machine backup power: DC3.7V/3500mAh (built-in) |
| Power consumption | Maximum power: 12W (alarm state), Standby power: <1W |
| Operating environment | Temperature: 0℃-+40℃, relative humidity: ≤95%, without condensation |
| Capacity | One loop, each loop has 16 address points. |
| Display | 2.8-inch TFTLCD (320×240 graphic matrix) |
| Communication method | FosLink, 4G wireless communication |
| FosLink wireless communication frequency | 470～510MHz |
| FosLink wireless transmission power | ≤17dBm |
| FosLink communication distance | 300 meters in open space |
| Standard | Q/THA 20-2020 Enterprise Standard for Wireless Control Panel |
| Protection class | IP30 |
| Weight | 343g |
| Relay output | two sets |
| Material and color | white ABS |
| Emergency contact setting | two groups |
| Outline dimension (L×W×H) | 194.0mm×104.0mm×29.5mm |

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## Installation and wiring requirements

1. Relay port, bus port, loop port: use twisted-pair cable RVS2×1.0mm2
2. The 220V interface (L and N wiring ports) uses ordinary sheathed wire BV 2×1.0mm2
3. The Control Panel is appropriate to be installed on the entry wall or at other appropriate positions, as shown in Figure 1.
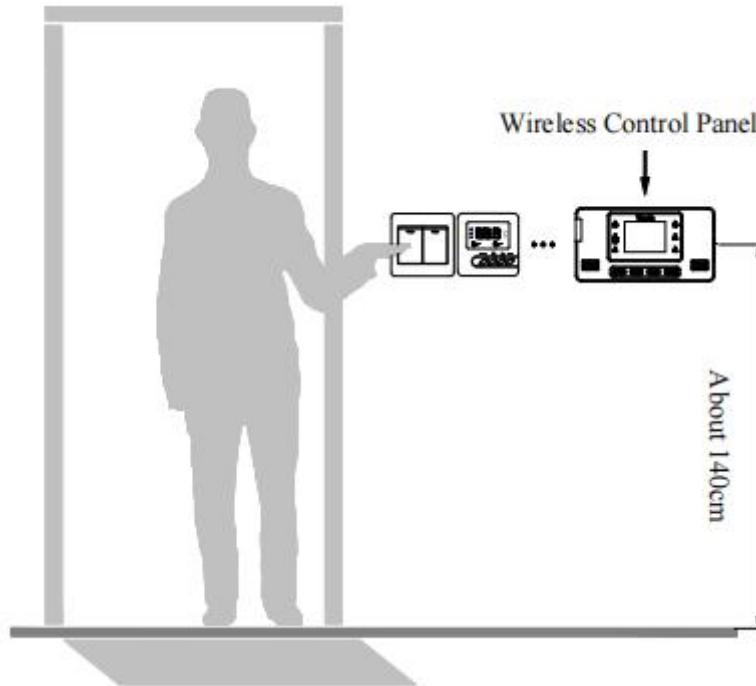


Figure 1  Control Panel installation position diagram
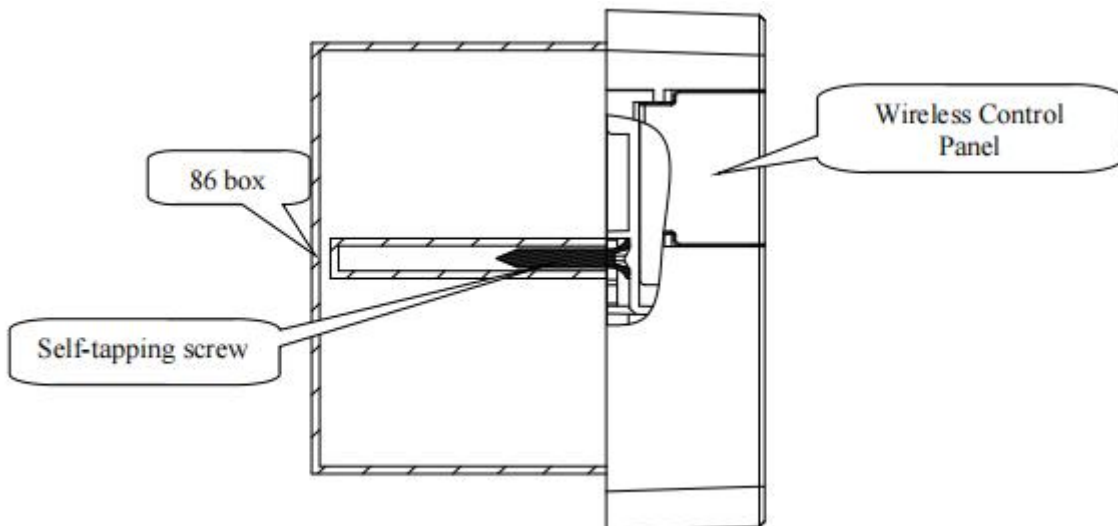
4. The Control Panel installation as shown in Figure 2.



Figure 2 Schematic diagram of installation of 86 boxes

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