TX3231

Wireless Relay Module

Feature and Benefits

1. 24V power input design.
2. Built-in high performance microprocessor.
3. Increase transmission distance by wireless FosLink signal.
4. Directly configure the module by FosLink configuration software.

Overview

TX3231 Wireless Relay Module (hereinafter referred to as module) is used to communicate between wireless detection alarm system front-end equipment and wireless transmission module. Wireless FosLink communication is used between module and wireless detection alarm system front-end equipment to transfer data through wireless FosLink and wireless transmission module, and transfer information of front-end equipment to wireless transmission module. Then wireless transmission module transfers the information to the controller through wireless FosLink communication. Wireless transmission module monitors the status of wireless alarm system front-end equipment at real time and sends control commands to wireless detection alarm system front-end equipment, like reset command to achieve long-distance communication of wireless detection alarm system front-end equipment and control panel.

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Technical Specification

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

Type	TX3231
Operating voltage	DC15V~ DC26V
Maximum current	<250mA
Wireless communication frequency	470～510MHz
Wireless transmitting power	≤17dBm
Maximum communication distance	1500m in open air
Mounting type	wall-mounted type
Operating environment	Temperature -10℃～+42℃, relative humidity ≤95%RH, without condensation
Weight	About 180g
Outline dimension	118mm×105mm×28mm (excluding antenna)
Housing color	Black
Standard	Q/THA 20-2020
The number of status indicators	3
The number of reset key	1
The number of front-end equipment	200

Names and Location

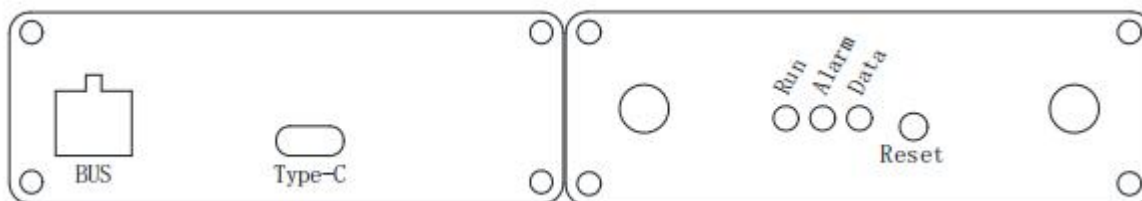The gateway's main panel is divided into three parts: terminal, indicator and key, as show in Figure 1 of the terminal, indicator and key diagram.

Figure 1: terminal, indicator and key diagram

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