

ASR2201D-B ASR2201D-BD

Slim Water-proof Bluetooth Reader



Overview

The bluetooth reader means it can interact with your smart mobile phone. The reader can receive the information by bluetooth when your phone is nearby it. There is no need to pair the reader with mobile phone. All you must do is that you click the unlock button on mobile phone's screen or shake your phone. The app name is Easy4key, choose access control and scan the QR code from SmartPSS, then the app will add your access card information. After this step, your phone is your access card.

What is OSDP?

Open Supervised Device Protocol (OSDP) is an access control communications standard developed by the Security Industry Association (SIA) to improve interoperability among access control and security products. OSDP v2.1.5 is used in current firmware version, it's a standard recognized by the American National Standards Institute (ANSI), and OSDP is in constant refinement to retain its industry-leading position.

Why use OSDP?

Already in wide use by many manufacturers, the Security Industry Association encourages broad adoption of this standard and recommends specifying OSDP for any access control installations that require real security and/or will be used in government and other higher security settings.

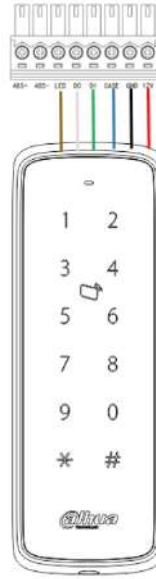
Features

- Wiegand34(26 optional) bits RS-485 protocol
- Support OSDP;
- 13.56MHz(Mifare)
- 125KHz(EM-ID)
- Water-proof design
- Red, blue and green indicator LEDs
- Surface mounted installation

Connection



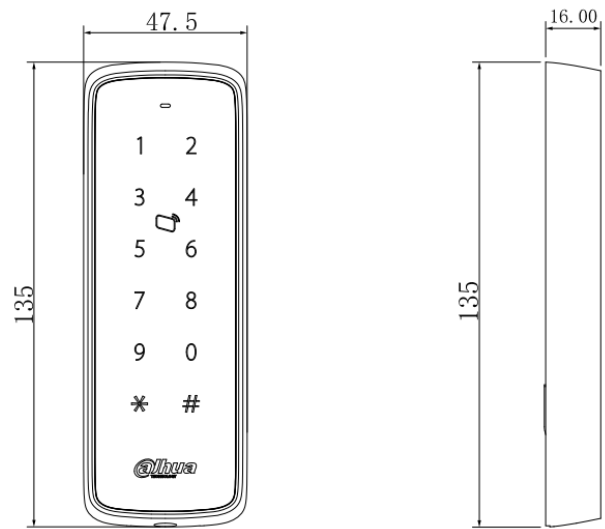
RS485 wiring
 AWG 24, twisted-pair cable;
 RS485: 1000m;
 Power: 100m;



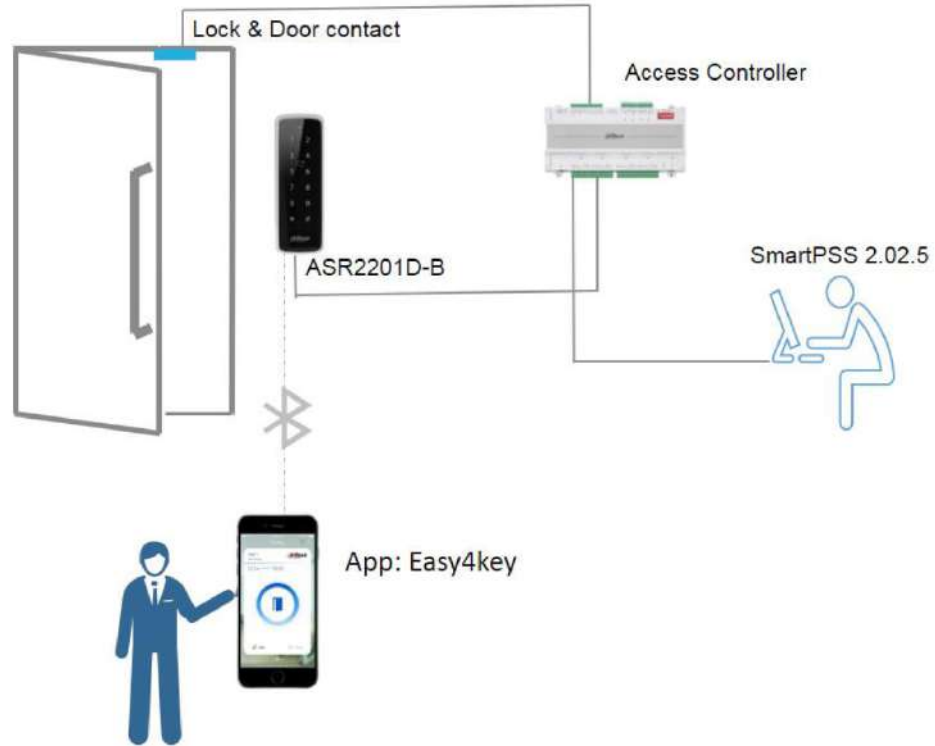
Wiegand wiring
 AWG 24, twisted-pair cable;
 Wiegand: 40m;
 Power: 100m; LED cable
 control the reader buzzer
 and LED light;

Technical Specification **Dimensions**

| | | |
|-----------------------|--------------------------------|-------------|
| Mode | ASR2201D-B | ASR2201D-BD |
| System | | |
| Main Processor | 32 Bit | |
| Read | | |
| Read Format | 13.56MHz | 125KHz |
| Read Range | 1cm–3cm (max.) | |
| Card Response | <0.5s | |
| Bluetooth Range | 0m–5m | |
| Bluetooth Response | <1s | |
| Function | | |
| Water-proof | IP55 | |
| Interface | | |
| To Controller | RS485, Wiegand 34(26 optional) | |
| General | | |
| Beep Tone | Buzzer | |
| Power Supply | 9V–15V DC/200mA | |
| Operating Temperature | -30°C to +60°C | |
| Working Humidity | ≤95% | |
| Dimension(W×D×H) | 47.5mm×16mm×135mm | |
| Weight | 0.2kg | |
| Working Environment | Outdoor | |
| Certificates | | |
| CE | Yes | |
| FCC | Yes | |



Application



Scan the QR code to download the app

