

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

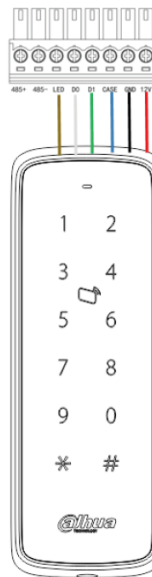
- Wiegand34(26 optional) bits RS-485 protocol
- Support OSDP;
- 13.56MHz(Mifare)
- 125KHz(EM-ID)
- Water-proof design
- Red, blue and green indicator LEDs
- Surface mounted installation

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

Mode	ASR2201D-B	ASR2201D-BD
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System

Main Processor	32 Bit
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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
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Interface

To Controller	RS485, Wiegand 34(26 optional)
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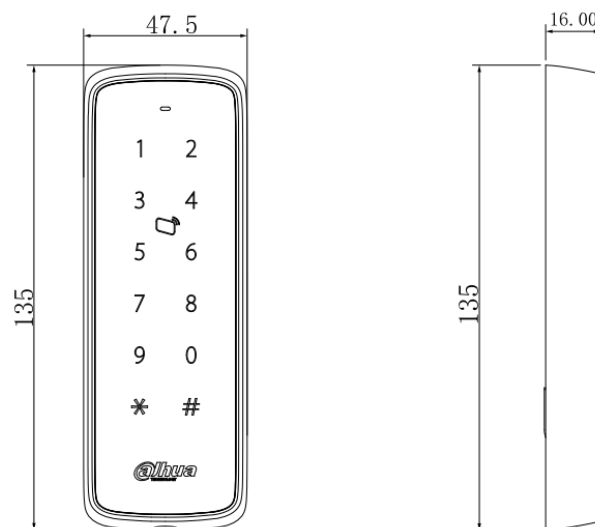
General

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

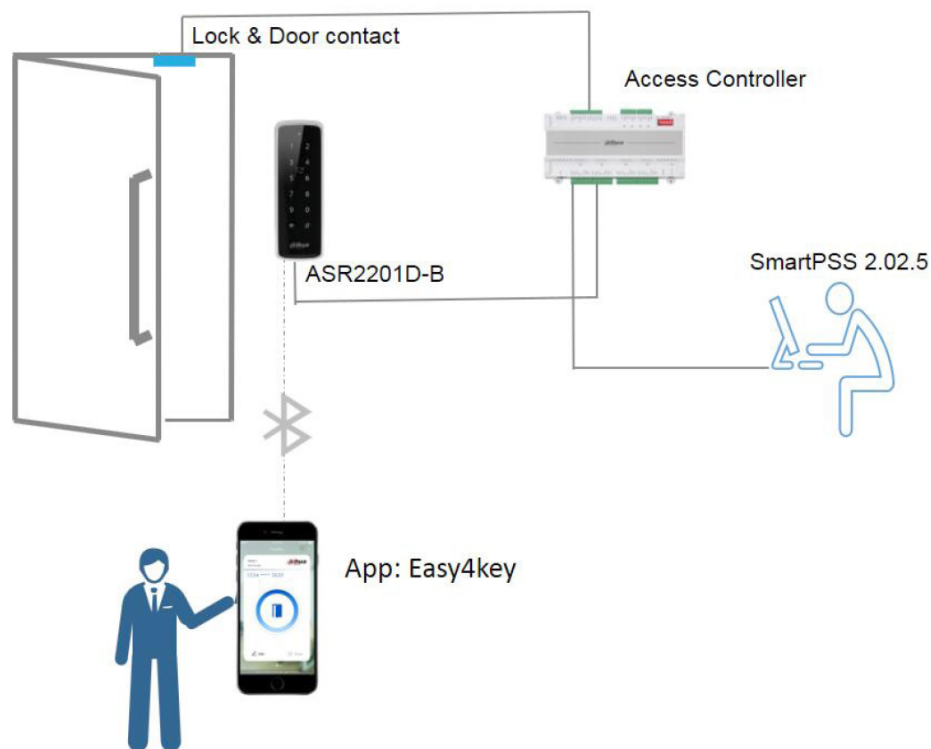
Certificates

CE	Yes
FCC	Yes

Dimensions



Application



Scan the QR code to download the app

