

# ASR2201D ASR2201D-BD

Slim Water-proof Bluetooth Reader



- Connect to third party controller by **OSDP or wiegand** protocol;
- RS485 support longer distance;



- Outdoor use;



- Bluetooth;

## 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.

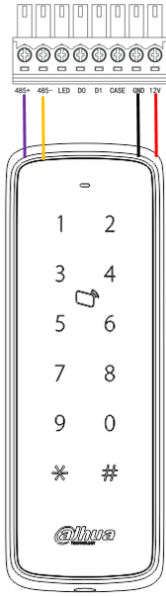
### Why use OSDP?

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.

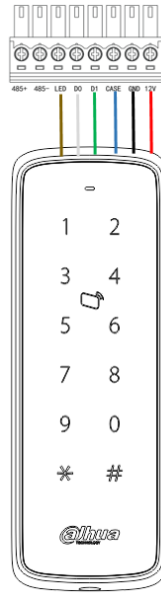
## Features

- 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**



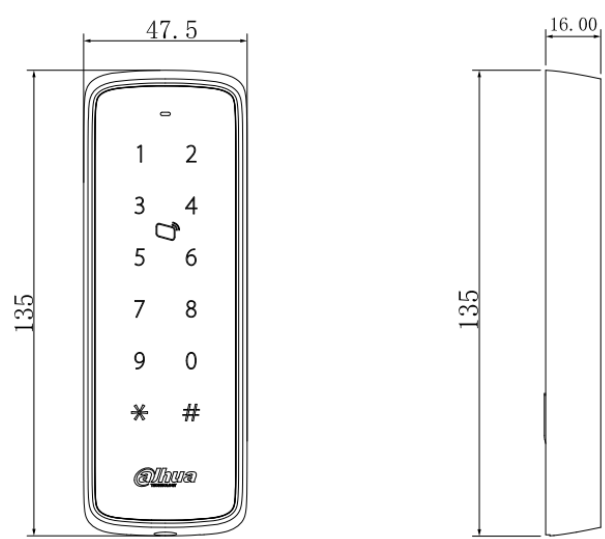
**RS485 wiring**  
 AWG 24, twisted-pair cable;  
 RS485: 1000m;  
 Power: 100m;

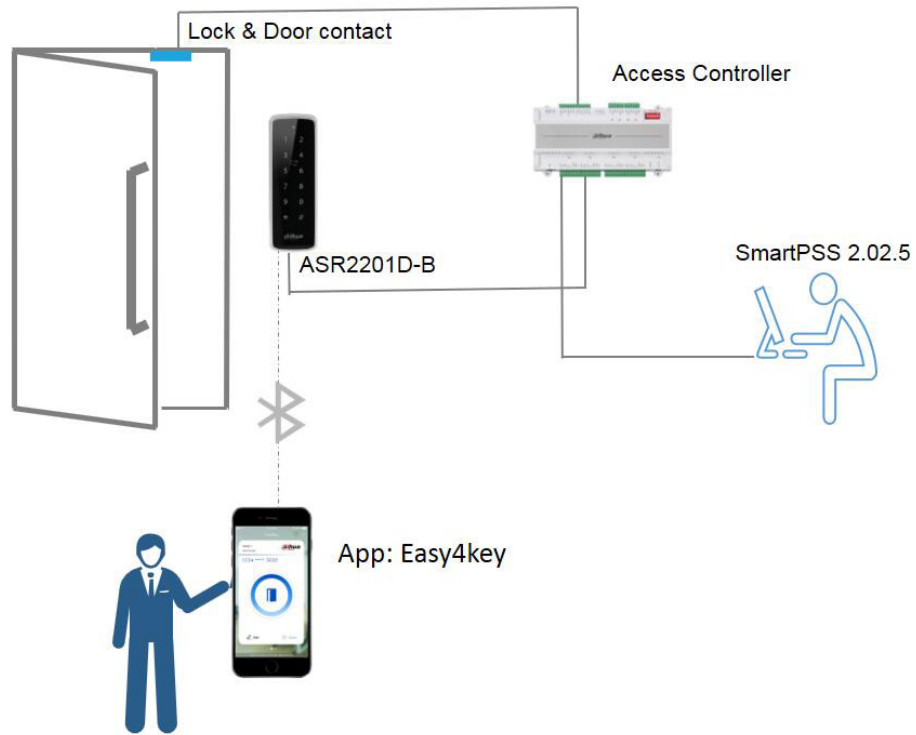


**Wiegand wiring**  
 AWG 24, twisted-pair cable;  
 Wiegand: 40m;  
 Power: 100m; LED cable  
 control the reader buzzer  
 and LED light;

**Technical Specification** **Dimensions**

Mode	ASR2201D-B	ASR2201D-BD
System		
Main Processor	8 Bit	
Read		
Read Format	13.56MHz	125KHz
Read Range	3-5cm (max.)	
Card Response	<0.5s	
Bluetooth Range	0~5m	
Bluetooth Response	<1s	
Function		
Water-proof	IP65	
Interface		
To Controller	RS485,Wiegand 34(26 optional)	
General		
Beep Tone	Buzzer	
Ingress protection	IP65, water resistant	
Power Supply	9-15VDC/100mA	
Working Environment	-30°C~60°C	
Working Humidity	≤95%	
Dimension(W×D×H)	47.5mm*16mm*135mm	
Weight	0.2Kg	





Scan the QR code to download the app

