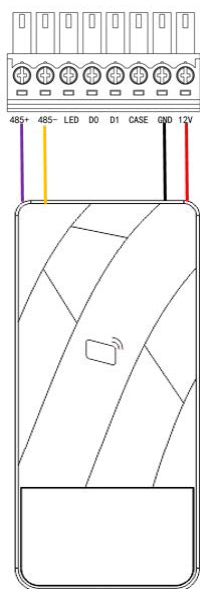# ASR1200E ASR1200E-D
Water-proof RFID Reader

Overview

The reader support wiegand, it means you can integrate it with the third party controllers. Certainly, any Dahua access controller can connect to the reader by using wiegand or RS485. For RS485, it support 100m distance when power supply from controller. If power supply separate, it can extend to 1000m. The slim and water-proof design can make it used in any environment.
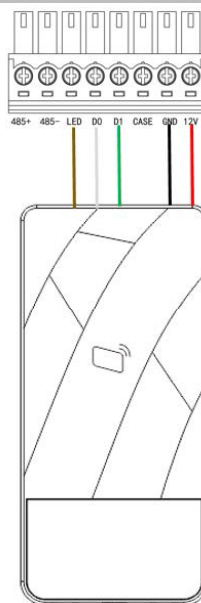
Features

• Wiegand34(26 optional) bits RS-485 protocol

• 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	ASR1200E	ASR1200E-D
System		
Main Processor	8 Bit	
Read		
Read Format	13.56MHz	125KHz
Read Range	3-6cm (max.)	
Reading time	<0.1s	
Interface		
To Controller	RS485,Wiegand 34(26 optional)	
General		
Beep Tone	Buzzer	
Ingress protection	IP66 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)	
Power Supply	9-15V DC/100mA	
Operating Temperature	-30°C to +60°C	
Working Humidity	≤95%	
Dimension(W×D×H)	96mm×43mm×17mm	
Weight	0.1kg	
Working Environment	Outdoor	
Certificates		
CE	Yes	
FCC	Yes	

Dimensions

43.40

96.40

17.00

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