

5512KE Proximity Reader User Manual



5512KE

System Features

1. Read any EM compatible proximity card
2. Output Wiegand 26 bit format
3. Keypad built-in, 4 bits keypad format.

Technical Specifications

1. Read any EM compatible proximity card
2. Dimension: 120mm×97mm×25mm
3. Volt: DC6 ~15V
4. Temperature: -40°C ~ 70°C
5. Humidity: 10% ~ 90%
6. Weight: 300g
7. Working frequency: 125 KHz

Connection

Controller Wire No.	Reader wire color	Wiegand 26/34 bits wire definition
1	Black	Ground (GND)
2	Blue	Green LED
3	Green	Data 0(Data0)
4	White	Data 1(Data1)
5	Red	Power supply (Vcc): +6V~+15V
6	Orange	Doorbell +
7	Brown	Doorbell -

Note:

The connection between reader and controller should use the 8 cores STP. The diameter should over 24AWG (0.206mm²) , the distance should be less than 100M.

To transmit the data successfully, the data0 and data1 should use the wire in the same pair. E.g. Green, Green/white.

When the transmitting distance is over 60M, we should combine the wires to connect Data0 and Data1, this is for reduce the resistance.

Do not use the same source of power supply for the electrical door lock and readers to avoid electrical sparkle interference.