KEYKING

6601E / 6602E Proximity Reader User Manual

6601E

6602E

System Features

1. Read any EM compatible proximity card
2. Output Wiegand 26/34 bit format
3. Water proof design
4. 6601E is for doorcase mounting, 6602E is for surface mounting.

Technical Specifications

1. Card Format: EM4001 or compatible
2. Frequency: 125 KHz
3. Output: Wiegand 26 bits
4. DC Power: 6 – 15VDC
5. Static Current: 50mA, Operating Current: 60mA.
6. Operating temperature: -14℃ ~ +70℃.
7. Hole diameter: 75mm
8. Humidity: 10%～90%

Connection Pin Assignment

Controller Wire No.	Reader wire color	Wiegand 26/34 bits wire definition
1	Black	Ground (GND)
2	Blue	Green LED
3	Green	Data0 (Data)
4	White	Data1 (CLK)
5	Red	Power supply (Vcc): +6~+15VDC
6	Brown	HOLD
7	Yellow	W/A SEL（Wiegand & ABA）
8	Grey	BUZZER（buzzer control）

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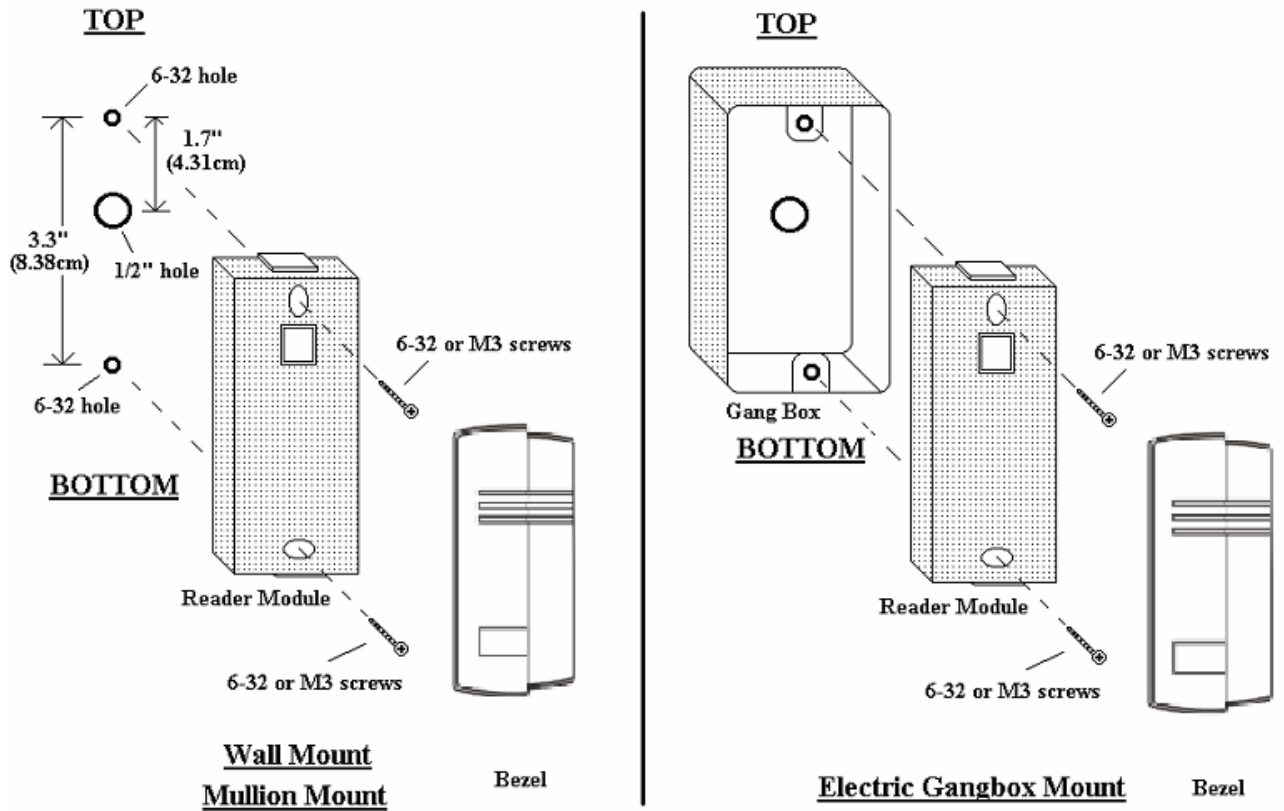
To transmit the data successfully, the data0 and data1 should use the wire in the same pair. E.g. Green, Green/white.

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.

Installation for Surface mounting

1. Drill into the wall for 2 holes (diameter=6mm, depth=32mm), and drill for another hole of 1/2 inch.
2. Drill the reader's wire through the hole, and use screw (6*22mm) to peg the reader module.
3. Cover the reader module with reader case. When you hear "Ka", it's OK.

TOP

6-32 hole

1.7"
(4.31cm)

3.3"
(8.38cm)

1/2" hole

6-32 hole

BOTTOM

6-32 or M3 screws

Reader Module

6-32 or M3 screws

**Wall Mount
Mullion Mount**

Bezel

TOP

Gang Box

BOTTOM

6-32 or M3 screws

Reader Module

6-32 or M3 screws

Electric Gangbox Mount

Bezel

Note: For 6601E, you may also inset it into the doorframe.