

Quantek CP6-RX Wiegand Proximity Reader



Quantek CP6-RX Wiegand Proximity Reader User Manual

[Home](#) » [QUANTEK](#) » Quantek CP6-RX Wiegand Proximity Reader User Manual 

Contents

- [1 Quantek CP6-RX Wiegand Proximity Reader](#)
- [2 Specifications](#)
- [3 Product Usage Instructions](#)
- [4 FAQ](#)
- [5 Description](#)
- [6 Packing list](#)
- [7 Installation](#)
- [8 Wiring](#)
- [9 Connection Diagram](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)



Quantek CP6-RX Wiegand Proximity Reader



Specifications

- Brand: C Prox Ltd (inc Quantek)
- Model: CP6-RX
- Type: Wiegand Proximity Reader
- Material: Metal anti-vandal
- Output: Wiegand
- Compatibility: EM, HID & Mifare cards & fobs
- Installation: Indoor or Outdoor

Product Usage Instructions

1. Installation

1. Locate a suitable mounting position for the CP6-RX reader, considering accessibility and security.
2. Use the provided security driver to open the reader and access the mounting holes.
3. Securely fix the reader using the wall-fixing plugs and self-tapping screws.

2. Card/Fob Reading

1. Present the EM, HID, or Mifare card or fob within close proximity to the reader.
2. The reader will detect and read the card or fob, granting access as programmed.

3. Maintenance

1. Regularly clean the reader surface with a soft, damp cloth to ensure proper functionality.
2. Inspect the reader for any physical damage and address promptly if found.

FAQ

• **Q: Can the CP6-RX reader be used with other types of access cards?**

- A: The CP6-RX is compatible with EM, HID, and Mifare cards and fobs. Other card types may not be supported.

• **Q: Is the CP6-RX suitable for outdoor installation?**

- A: Yes, the CP6-RX is designed for both indoor and outdoor use, providing versatility in installation locations.

Description

The CP6-RX is a metal anti-vandal proximity reader with Wiegand output, suitable for installing indoors or outdoors and capable of reading EM, HID & Mifare cards & fobs.

Packing list

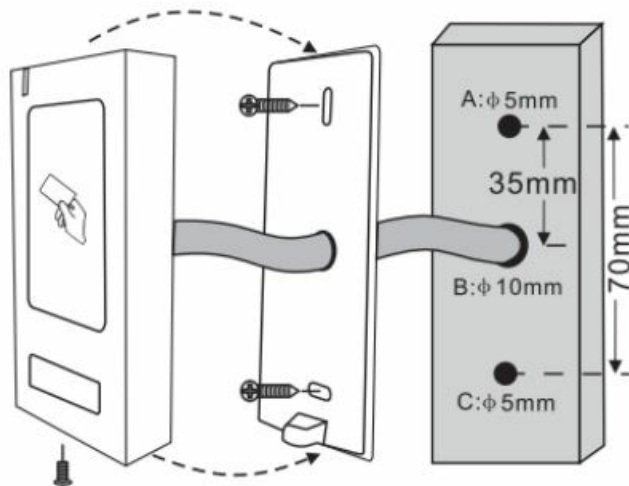
Name	Quantity
Reader	1
Manual	1
Security driver	1
Wall fixing plugs	2
Self-tapping screws	2

Specification:

- Operating voltage: 9-18Vdc
- Standby current: <25mA
- Card frequency: 125KHz (EM & HID) and 13.56MHz Mifare
- Output format: EM Wiegand 26 bits, Mifare Wiegand 34 bits, HID Wiegand 26-37 bits automatic
- Reading distance: 1-5cm
- Operating temperature: -40 to +60 °C
- Waterproof rating: IP66
- Pre-wired with 50cm cable
- Dimensions: 103 x 48 x 19mm

Installation

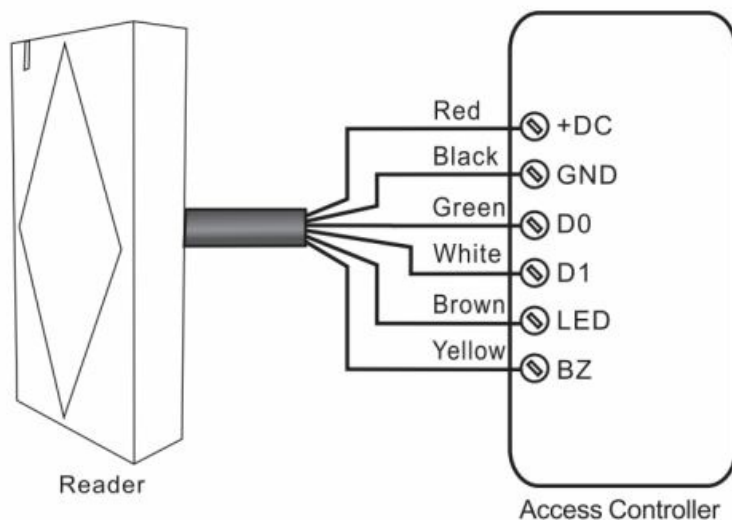
- Unscrew the backplate from the reader and use the backplate to mark the 2 fixing holes (A & C) and the cable entry hole (B).
- Drill the holes using the correct-sized bit.
- Insert the wall plugs and fix the back plate to the wall with 2 screws.
- Thread the cable through hole B and make the connections (see below).
- Attach the unit to the back plate




Wiring

Colour	Function	Notes
Red	Power	+DC (9-18V)
Black	GND	Ground
Green	D0	Data 0
White	D1	Data 1
Brown	LED	Green LED light control
Yellow	Buzzer	Buzzer control

Connection Diagram



Documents / Resources

	Quantek CP6-RX Wiegand Proximity Reader [pdf] User Manual CP6-RX, CP6-RX Wiegand Proximity Reader, Wiegand Proximity Reader, Proximity Reader, Reader
--	--

References

- [Access Control Systems, Automatic Door Systems, Gate Controls, Barrier Controls, Garage Doors & Shutter Equipment](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.