

# Queclink MTR2023 Driving Smarter IoT User Manual



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## MTR2023 User Manual

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**International Telematics Solutions Innovator**

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## User Manual

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**1 Introduction**

This document describes how the MTR2023 works.

**2 Device ( picture )**



**2.1 Hardware**

**2.1.1 parts list:**

Name	Picture
Power connection	A power connection cable with red, black, and white wires, and a black connector.

**Table 1.Parts List**

**2.1.2 Interface Definition**

The power cable input 8-32V, red wire for positive, black wire for negative



PIN NO.	PIN name	Function Description
1	Serial TXD	Used for configuration and firmware update
2	Serial RXD	Used for configuration and firmware update
3	GND	GND
4	PWR	Primary Power 8-32V

### 3 Getting Start

#### Core function

#### Real time read the RFID card in band of 125KHZ and band of 13.56MHZ

Item	Description
Dimension	Approximate 96*64*20mm
Weight	About 90g
Operating Voltage	DC 8V to 32V
Operating Temperature	-20°C ~ + 80°C
RFID Frequency	125KHZ 13.56MHZ and 5817MHz
Indicator LED	red, yellow, green

#### FCC warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions :

(1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.


Operating Frequency 125 kHz,13.56 MHz,5817MHz

Type of modulation 125 kHz: OOK,13.56 MHz: ASK5817MHz: ASK

Antenna Type: 125 kHz: Coil Antenna,13.56 MHz: PCB Antenna,5817MHz: PCB Antenna

Antenna Gain: 125 kHz: 0dBi(Max),13.56 MHz: 0dBi(Max),5817MHz: -2dBi(Max)

## Documents / Resources

	<p><a href="#">Queclink MTR2023 Driving Smarter IoT</a> [pdf] User Manual</p> <p>MTR2023 Driving Smarter IoT, MTR2023, Driving Smarter IoT, Smarter IoT, IoT</p>
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## References

- [User Manual](#)

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

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