



Model: AFD-R4302

# READER

## USER GUIDE

Welcome to use Anfudi products. Before use the product, please read this User's Guide. This guide contains important safety information about voltages and use.

## 1 NOTES

- 1.1 Do not use a power supply specifications other than specified in the instructions.
- 1.2 Do not attempt to repair the product.
- 1.3 Please take water-proof and lightning-proof measures, if use this product outdoor.

## 2 INTRODUCTION

### 2.1 Model

AFD-R4302

### 2.2 Specifications

Read range: 0-150m adjustable (free environment)

Anti-collision: 200 tags

Processing rate: 120 tags per second

Error correction: CRC16

Sensitivity: -94dBm

Dimensions: 125\*105\*28.5mm (antenna not included)

Operating temperature: -10°C ~ +70°C

Storage temperature: -20°C ~ +80°C

Communication interface: RS 232、RS485 or 10/100M Ethernet Optional

Power supply: 5~8V DC, ≥500mA

Antenna: Omni-directional, Standard λ/4 whip antenna

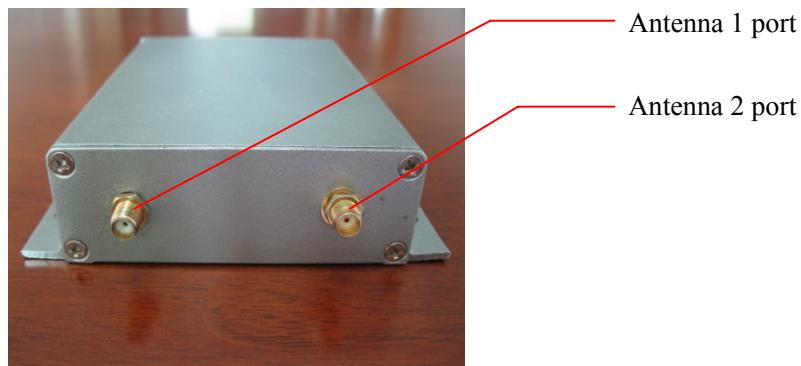
Material : Aluminum

### 2.3 Function

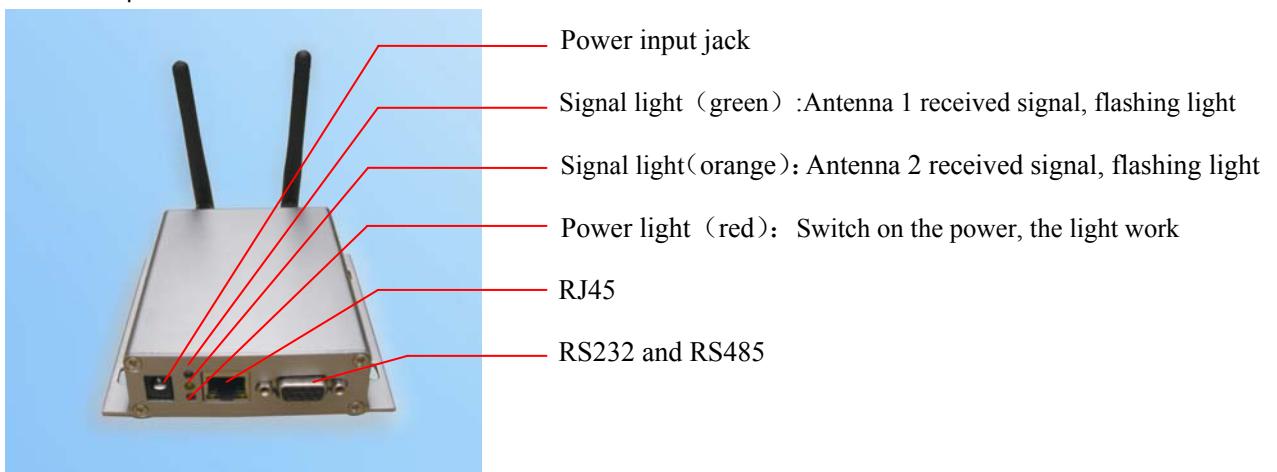
AFD-R4302 is a RF (437MHz) receiver. It receives the RF signals emitted by the tags, and transmits the received data to the PC or other equipment.

## 3 PANELS

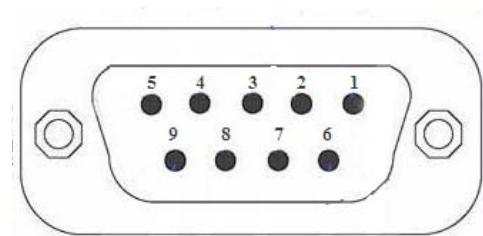
### 3.1 Front panel



### 3.2 Rear panel

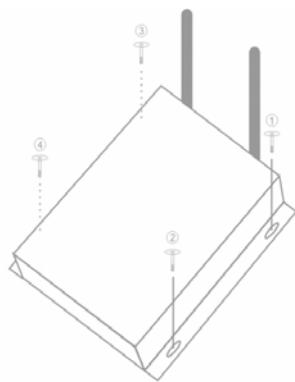


### 3.3 RS 232、RS485 connection instruction (DB9)



Pin	Pin name	Pin instruction
2	TXD	RS232 output
3	RXD	RS232 input
5	GND	Ground
6	B	RS485 D-/B
7	A	RS485 D+/A

## 4 INSTALL



Figures 1 2 3 4 are four threaded holes, use to fasten the reader device.

## 5 PACKING LIST

Reader	1
Power adapter	1
Whip antenna	2
User guide	1
Warranty card	1
Certificate of quality	1

## 6 FCC WARING

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## 7 FCC STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.