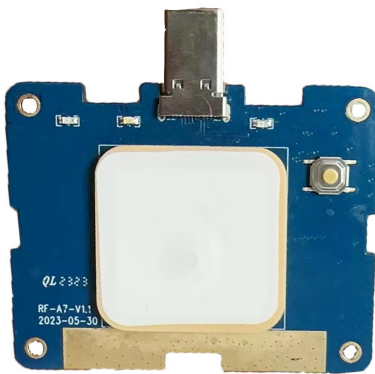


# FU-RF-A7



49.6mm x 39.6mm x 4.5mm

## Functionality and Advantages:

- ◆ Portable Connectivity:  
Directly connect to computers and smartphones with TYPE-C.
- ◆ Ultra-low Power  
Consumption: Maximum power usage of only 1.2W.
- ◆ Protocol Support: Supports ISO 18000-6C/E1G2 protocols.

## 典型应用:

- ◆ External devices for mobile phones
- ◆ Card reader device
- ◆ Warehousing and supply chain
- ◆ Inventory management

## FU-RF-A7

### Portable UHF RFID device.

The FU-RF-A7 is a compact portable UHF RFID reader/writer. It combines a highly integrated reader IC and control MCU to provide functions such as analog RF front-end and baseband digital signal processing module. Users only need to provide power and communication interface, and can easily control the module's operation through an API function library. This module offers excellent performance and is suitable for various application scenarios.

RFID Parameter Features:	
Supported RFID Protocols	ISO 18000-6C/E1G2 support
RFID Antenna Connection	Built-in 3dBi circularly polarized antenna
RFID Output Power	18dBm
RFID Frequency Band Range	860MHz - 960MHz
Maximum Reading Speed	More than 100 times per second
Maximum Reading Distance	0-0.3m
Data/Control Interface	
Control/Data Interface	The Type-C interface (USB control or USB HID control)
GPIO Sensors and Indicators	One start reading card button (USB HID mode)
User Indicators	Power indicator light, card reading indicator light
Power Supply Specifications	
Power source	DC 3.5v-5.5v
Power consumption	1.2W
System parameters	
API support	C, C#
Device dimensions	49.6mm x 39.6mm x 4.5mm

## Regarding FUWIT (Shenzhen Fuwit Technology Co.,Ltd):

FUWIT is a professional provider of Internet of Things (IoT) products and technical services. It is a market leader in RFID and Bluetooth positioning measurement products. The company is dedicated to serving product integrators and end-user customers by offering customized embedded detection and analysis solutions. These solutions help customers address unique challenges in inspection, tracking, scanning, and recording. FUWIT is located in Shenzhen, Guangdong Province, China. The company is ISO 9001, ISO 14001, and ISO 45001 certified.

FU-RF-A7 is the RFID product series of FUWIT.

For further information, please visit [www.fuwit.com.cn](http://www.fuwit.com.cn)

铨顺宏

FUWIT

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