

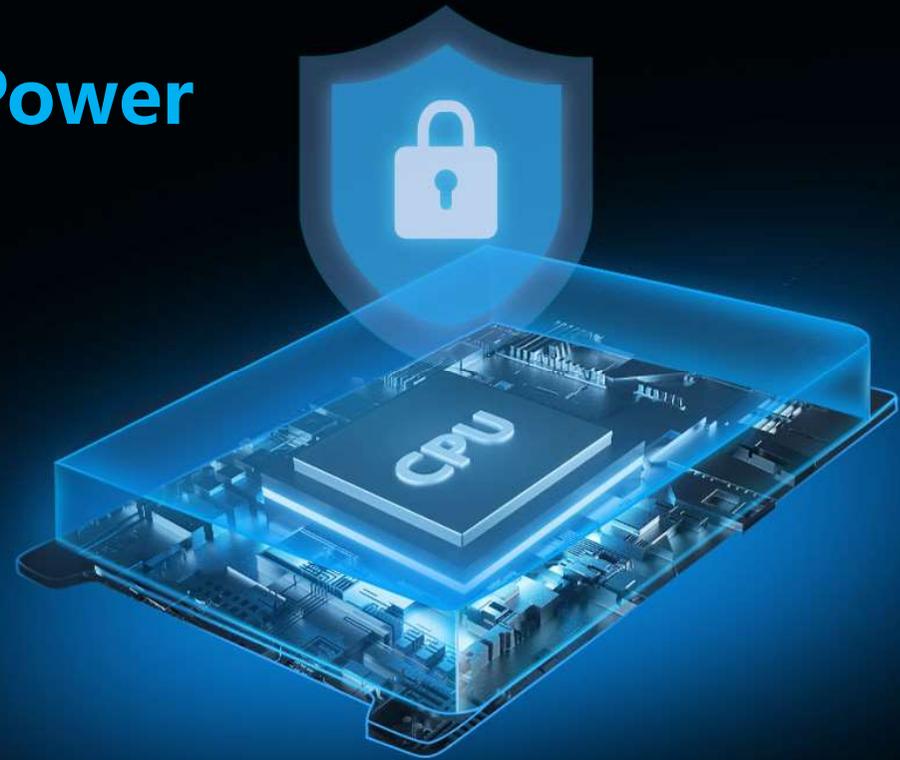
# FR1000

Intelligent Fixed UHF RFID Reader



# Unparalleled Computing Power

Running on the Octa-core 1.6 GHz high-performance CPU, FR1000 is equipped with strong processing power. It can simultaneously manage multiple processes. Meanwhile, the Android 10.0 operating system brings superior performance and efficiency.



U1

## Fast Reading RFID Tags in One Second

- The Self-Jammer Cancellation (SJC) technology provides interference suppression and echo cancellation, which enables the FR1000 to equip with higher read rate. It can capture RFID tags in batches (max. of 700+ RFID tags/sec).

D1



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- D1**      此处待定  
Dell; 05.09.2022
- U1**      Urovo; 13.09.2022

# Enhanced Security

- The FR1000 enables you to manually change IPv6 addresses and proactively monitor the network, improving security and protecting your privacy.



## Flexible Deployment Without Additional Power Socket

- The FR1000 supports PoE+ (802.3at 25.5W) power supply mode. It can be flexibly deployed in the desired position without additional power sockets, greatly reducing the time and deployment costs.



## Rugged and Durable Design for Tough Environments

The FR1000 made of cast aluminum housing has superior thermal management which ensures stable performance and output, delivering the durability you need to ensure uptime — even in damp, dusty work areas, extreme heat or subzero temperatures.

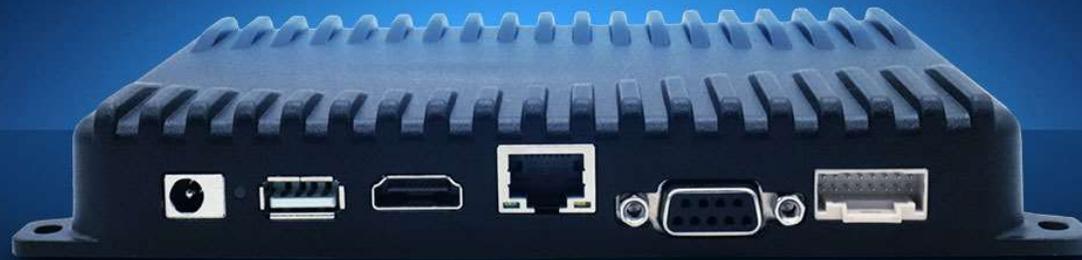


## Great Compatibility And Improved Accuracy

- Eight external SMA antenna ports improve the accuracy and increase the reading range.
- The independent anti-interference technology of 4G Main & AUX antenna, WiFi/Bluetooth antenna and GPS antenna significantly improves the communication efficiency, and enables you to extend RFID to the field.

# Efficient Management Tools

Equipped with integrated HDMI, RJ45, RS232, GPIO and other interfaces, FR1000 can centrally manage various tools in a variety of RFID applications



# Adaptable to Various Industry Scenarios

- FR1000 applies to various industry scenarios, such as retail, jewelry, banking, archives, library, and medical care.



# Technical Specifications

## 1. Processor

Octa-core 64-bit, 1.6 GHz

## 2. Operating System

Android 10.0

## 3. Memory

RAM: 4 GB

ROM: 64 GB

## 4. Video

1,920x1,200P HD format video output

## 5. Positioning

**GPS + GLONASS or GPS + BeiDou**

## 6. Dimensions

180 mm x 128 mm x 28 mm

## 7. User Environments

- Operating temperature: -30°C to +70°C

- Storage temperature: -40°C to +85°C

- Humidity: 5%-95% RH (non-condensing)

## 8. Interfaces

GPS antenna, 4G communication auxiliary antenna, 4G communication main antenna, WiFi/Bluetooth antenna, 4G communication

SIM card slot, power interface DC JACK, USB interface, HDMI interface, TCP/IP network interface RJ45 (support POE power supply), serial communication interface RS232 (DB9 Female), GPIO interface, debugging/downloading USB interface, USB interface\*2, system reset button, SMA antenna interface ANT1-ANT8

## 9. Communication

Support 4G network, main and aux 4G antenna interfaces; 2.4G/5G dual-band Wi-Fi

Bluetooth 5.0