

# UROVO

## FR2000 Desktop RFID Reader

### Exceptional Performance

Equipped with the cutting-edge Impinj E710 chip and proprietary algorithms, it achieves an exceptional read accuracy of up to 99.9%.

### Anti Cross-Read

Robust metal casing prevents signal leakage, significantly improving reading accuracy while preventing cross-reads.

### Versatile Power Options

Supports USB power supply, with optional PoE supply. Data transmission and power supply can be easily achieved with a single USB Type-C cable or RJ45 Ethernet, effectively reducing deployment and maintenance costs.

### Flexible Connectivity Options

Standard Type-C USB 2.0 interface, with Bluetooth 5.0 and RJ45 Ethernet connectivity. It can seamlessly connect and communicate with devices running different operating systems such as Windows, Android, and iOS.

### Full-Frequency UHF Tag Read & Write

Supports multiple operating frequencies and the ISO 18000-6C (EPC C1G2) international protocol, meeting the requirements for full-frequency UHF tag reading and writing.

### Dual Reading Feedback Modes

Built-in LED indicator and buzzer provide real-time reading feedback, preventing tags read miss.



# Specifications



## Dimensions

325mmx325mmx20mm  
Weight: 1850g

## Frequency

840 ~ 960MHz  
(can be custom designed)

## Protocol

ISO18000-6C(EPC C1G2)

## Output Power

0~30dBm(adjustable)

## Read Range

Built-in antenna  
0-50cm

## Power Supply

Type-C interface, USB powered;  
PoE power supply(optional)

## Communication

Type-C USB 2.0 connection,  
BT5.0, Ethernet

## Indicator LED

BT connection status(blue);  
Working(red)  
Flash when data transmitted;  
Power(red)

## Buzzer

Sound when scanning tags

## Sealing

IP54

## Environmental

Operating temperature: -20°C ~ +50°C  
Storage temperature: -40°C ~ +70°C  
Humidity: 5%RH ~ 95%RH(non-condensing)  
ESD: ±15kV air discharge, ±8kV direct discharge

\*This page is subject to change  
without prior notice

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