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% from all orientations.

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 USB Type-C cable or RJ45, effectively reducing deployment and maintenance costs.

Flexible Connectivity Options

Standard Type-C USB 2.0 interface, with optional Bluetooth 5.0 and RJ45 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

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· Dimensions
325mmx325mmx20mm
Weight: 1850g

· Frequency
840 ~ 960MHz
(can be custom-designed)

· Protocol
ISO18000-6C(EPC C1G2)

· RF Output
0~30dBm(adjustable)

· Read Range
Built-in antenna
0-50cm

· Power Supply
USB 2.0 Type-C; PoE(optional)

· Communication
Type-C USB 2.0, BT5.0,
Ethernet(optional)

· Indicator LED
BT connection status(blue);
Working(red)
Flash when data is transmitted;
Power(red)

· Buzzer
Sound when reading tags

· Sealing
IP54

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