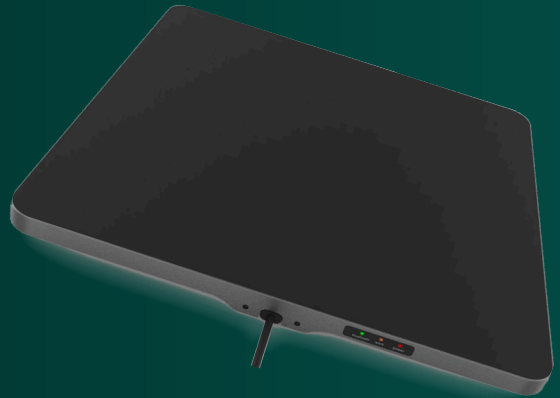


UHF | RAIN - Desktop Reader Chainway - R3

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Up to 30 dBm (1 W) output power
- Integrated Antenna
- USB Type-C interface (VCP)
- BLUETOOTH LE

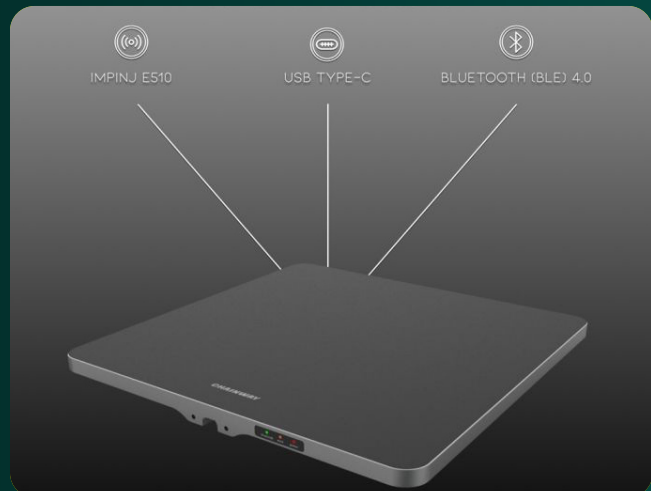


UHF | RAIN - Desktop Reader RFID - POS Reader

Chainway R3 is a newly-developed desktop UHF reader, supporting Impinj Gen2X. It is compatible with Windows / Android/ iOS applications, and enables short read distance within 50cm. Combined with high-efficiency collision processing algorithm, it delivers fast reading and writing of tags and maintains high identification rate as well. And it allows data transmission via Bluetooth, Type C USB. R3 can be deployed in retail collection, logistics, identity verification, smart parking, access control, anti-counterfeiting system and production process control.

Common Applications

- Gate / Portal Applications
- Multi Read Point Applications
- Scan Tunnel Applications
- Access Management
- Overhead Read Points



TECHNICAL SPECIFICATIONS

Physical Characteristics

Dimensions	318 mm × 318 mm × 20 mm
Weight	1133 g
Port	USB Type-C
Power Supply Protocol	USB 2.0
LED Indicator	Power BT connection status Working (flash when scanning tags)

Communication

Type C USB	USB connection to realize data transfer
BT	Bluetooth Low Energy (BLE) 4.0

User Environment

Operating Temp.	-20°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5% RH - 95% RH non condensing
Sealing	IP65

UHF

Engine	CM310-4 module based on Impinj E310 CM510-4 module based on Impinj E510
Frequency	865-868 / 920-925 / 902-928 MHz (custom-design for frequency band)
Impinj Gen2X	Supported
Protocol	EPC C1 GEN2 / ISO18000-6C
Output Power	1dBm-30dBm, 1dBm (stepper)
Read Range	Up to 50cm

Developing Environment

SDK	USB, Android / Windows Bluetooth, Android / IOS
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Part No. / Model

4255892700255	Chainway R3
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