

### UHF | RAIN - Stationary Reader CT - minID

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- USB Type - C (Power & Communication)
- R/W or HID mode
- Ultra compact form factor
- Buzzer & Status LED



### UHF | RAIN - Stationary Reader Ultra compact UHF device

Introducing the Craft Technologies minID: an ultra-compact, USB Type-C reader supporting the UHF | RAIN - RFID standard. Designed for ultimate portability and ease of use, this all-in-one ultra-high frequency (UHF) RFID reader features plug-and-play functionality for seamless integration. Its compact size, comparable to common Bluetooth headset charging cases, makes it easy to carry and connect on demand via USB to your smartphones and tablets running Android or iOS (via HID profile).

The minID incorporates a low-power UHF RFID reader IC and an integrated ceramic antenna, delivering reliable reading performance up to 20cm. A simple USB Type-C connection provides both power and data connectivity, allowing users to effortlessly manage operations through an extensive API library. Versatile and adaptable, the minID is ideal for various applications requiring low-to-mid-range reading distances. Especially relevant with the growing adoption of UHF | RAIN RFID in B2C environments, this device is perfectly suited for mobile point-of-sale (POS) systems and on-demand inventory checks.

The minID reader complies with European ETSI frequency standards and is CE certified, ensuring regulatory adherence. For bulk orders, personalization options such as custom logo printing and firmware modifications are available upon request to tailor the minID to your specific needs.

### Common Applications

- Mobile Point of Sale
- On demand inventory check
- Mobile marketing
- Customer interaction
- Tool tracking



## TECHNICAL SPECIFICATIONS

### Contactless Interface

Operating Frequency	865.600-867.600 MHz (ETSI EN 302 208 v. 3.3.1)
Supported Standards	EPC Class 1 Gen 2 - ISO18000-63
RF Power	Up to 18dBm
Reader IC	Proprietary
Antenna Type	Circular polarized antenna
Reading Range	Up to 20 cm (typical)
Number of Channels	4 channels (ETSI EN 302 208 V. 3.3.1)
Operation Modes	Read / Write or HID

### Host Interface

Interface	USB Type - C
Protocol	Serial Protocol or HID Profile

### Physical Characteristics

Dimension	62,5 x 48 x 9.0 mm
Weight	37 g
Connector Type	USB Typ-C
IP Protection	-
Temperature	-20 °C to +70 °C
Humidity	10 - 95% RH NC

### Electrical Characteristics

Voltage	5 VDC
Power Consumption	1.2W @ 18dBm
LED	Power & Status LED

### Certifications & Compliances

Certifications	CE, REACH & RoHS
Compliances	EPC Class 1 Gen 2 - ISO18000-63

### Drivers & Support

Supported OS	Works with any OS supporting USB
Supported Libraries	C#, C++, Java, Python, Swift and Android Studio
Tools	Software Development Kit

### Part No. / Model

25-RMR-N01-0001-01	CT - minID
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