

### UHF | RAIN - Handheld Reader CAEN - skID

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Integrated circular polarized antenna
- Bluetooth communication & battery powered
- iPhone / iPad compatibility
- Mounting: Magnetic, 3M Dual Lock™ or SP-Connect™



### UHF | RAIN - Handheld Reader Bluetooth® RAIN - RFID Reader

CAEN RFID's (model R1280IE, R1280IU, R1280IJ) is a portable UHF | RAIN - RFID reader from the easy2read© product line with integrated antenna for medium range applications.

The reader has an internal rechargeable battery and can be operated in wired mode using a USB cable or in wireless mode using the Bluetooth® interface.

The Bluetooth® communication interface makes the skID a perfect addition to any Bluetooth®-enabled host such as a PC, smartphone, PDA or tablet for UHF | RAIN RFID reading. The reader is compatible with Windows, Android and iOS operating systems.

The device supports both Bluetooth Low Energy (BLE) and Bluetooth Classic communication for maximum application flexibility, including the HID profile for keyboard emulation.

The skID can be easily attached to the smartphone using 3 different methods: magnets, 3M Dual Lock or SP-Connect. Designed for mobile operators, the skID is ideal for inventory management, mobile workers, service and maintenance applications.

### Common Applications

- Inventory Control
- Mobile PoS
- Field Service & Sales
- Add on for consumer Smartphones
- Defence Industry

**CAENRFID**



CAEN RFID - skID  
Your ideal tool for UHF | RAIN - RFID  
field service applications

### 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	Cofing from -2dBm ERP to 22 dBm ERP (ETSI)
Antenna Gain	0.0 dBic (typical)
Antenna Type	Circular polarized antenna
Reading Range	Up to 2 meter (typical)
Number of Channels	4 channels (ETSI EN 302 208 V. 3.3.1)
Operation Modes	Read / Write or HID

#### Host Interface

Interface (wireless)	Bluetooth® 4.1 12 dBm EIRP output power BR/EDR 8 dBm EIRP output power BLE
Protocol (wireless)	HID and Serial over GATT (BLE) HID and SPP profiles (Bluetooth classic)
Interface (wired)	USB Type - C
Protocol	Serial Protocol or HID Profile

#### Physical Characteristics

Dimension	112 x 62 x 10 mm
Weight	110 g
Connector Type	USB Type-C
IP Protection	IP 65
Temperature	-10 °C to +55 °C
Humidity	N/A

#### Electrical Characteristics

Charging	USB (5 VDC)
Battery	Li-Ion 3.7V / 1.200mAh Operating time > 12h (with 40k tag readings) Standby time > 15 days (powered off, no LED)
User Interface	Power & Trigger buttons Power and battery status LED Communication and operation result LED Bi-tonal buzzer and vibration element

#### Certifications & Compliances

Certifications	CE, UKCA, FCC, REACH & RoHS
Compliances	RAIN ALLIANCE (ISO18000-63)

#### Drivers & Support

Supported OS	Works with any OS supporting USB
Supported Libraries	Visual C, .NET Standard 2.0, Swift, Java & Light C
Tools	Software Development Kit

#### Part No. / Model

	skID - Impinj E310
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