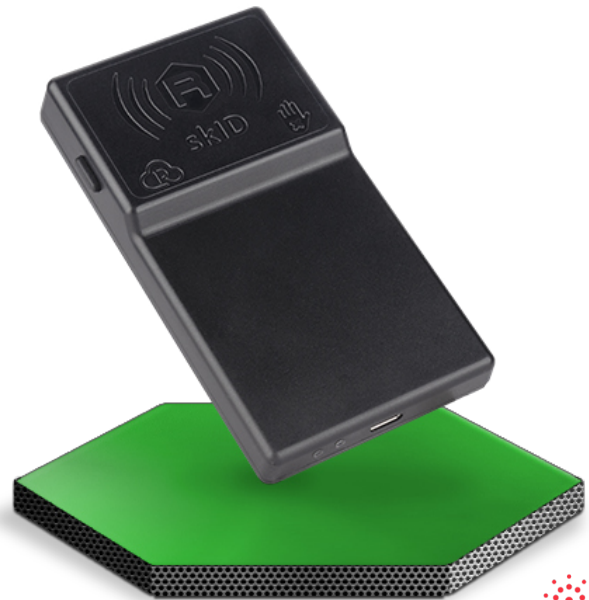




R1280I

# skID

## Mini Sled RAIN RFID Reader



<b>BENEFITS</b>	High Performance reading	Pocket size	Flexibility	USB Type C	HID	Bluetooth
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### Features

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- ETSI and FCC versions available
- Bluetooth communication
- Integrated circular polarized antenna
- Ergonomic form factor
- Battery powered
- iPhone/iPad compatibility
- 3 mounting options: magnetic, 3M Dual Lock™ or SP-Connect™

### Applications

- RAIN RFID add-on to smartphones, tablets and mobile terminals
- Shop inventory and cycle counting
- Mobile point of sale
- Field sales mobility
- Mobile workers

### Overview

The **skID** (Model R1280IE, R1280IU) is a portable RAIN RFID reader of the easy2read® product line with integrated antenna for medium range applications.

The reader hosts an internal rechargeable battery and can operate both in wired mode, using a USB cable, or in wireless mode through the Bluetooth® interface.

Thanks to the Bluetooth® communication interface, the **skID** is a perfect add-on for any Bluetooth® enabled host such as a PC, a smartphone, a PDA or a tablet for RAIN RFID readings. The reader is compatible with Windows 8/10, Windows CE/Mobile, Android and iOS operating systems. The device supports both Bluetooth Low Energy (BLE) and Bluetooth classic communication to provide the maximum usage flexibility, including the HID profile for keyboard emulation.

The **skID** can be easily fixed 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.



## Technical Specification Table

<b>Frequency Range</b>	<ul style="list-style-type: none"> <li>• 865.600÷867.600 MHz (ETSI EN 302 208 v. 3.1.1) (Mod. R1280IE)</li> <li>• 902÷928 MHz (FCC part 15.247) (Mod. R1280IU)</li> </ul>
<b>RF Power</b>	<ul style="list-style-type: none"> <li>• Configurable from 8 dBm ERP to 22 dBm ERP (Mod. R1280IE)</li> <li>• Configurable from 8.5 dBm EIRP to 24 dBm EIRP (Mod. R1280IU)</li> </ul>
<b>Number of Channels</b>	<ul style="list-style-type: none"> <li>• 4 channels (compliant to ETSI EN 302 208 v. 3.1.1) (Mod. R1280IE)</li> <li>• 50 hopping channels (compliant to FCC part 15.247) (Mod. R1280IU)</li> </ul>
<b>Standard Compliance</b>	EPC Class 1 Gen 2 - ISO18000-63
<b>Antenna Gain</b>	0.0 dBic (typical)
<b>Antenna Polarization</b>	Integrated Circular Polarized Antenna
<b>Read Range</b>	Up to 2.0 m (Typical)
<b>USB Interface</b>	USB 2.0 Full Speed (12 Mbit/s) via USB Type-C connector
<b>Bluetooth Interface</b>	<ul style="list-style-type: none"> <li>• Bluetooth 4.1 Smart Ready compliant</li> <li>• 12 dBm EIRP output power BR/EDR</li> <li>• 8 dBm EIRP output power BLE</li> <li>• HID and Serial over GATT (BLE)</li> <li>• HID and SPP profiles (Bluetooth classic)</li> </ul>
<b>User Interface</b>	<ul style="list-style-type: none"> <li>• Power and Trigger buttons</li> <li>• Power and battery status LED</li> <li>• Communication and operation result LED</li> <li>• Bi-tonal buzzer and vibration element for event signalling</li> </ul>
<b>Battery Type</b>	Li-Ion 3.7 V, 1,200 mAh
<b>Battery Life</b>	<ul style="list-style-type: none"> <li>• Operating: &gt; 12 h (with 40,000 tag readings)</li> <li>• Standby: &gt; 15 days (powered off, no LED blinking)</li> </ul>
<b>Battery Charging Time</b>	<ul style="list-style-type: none"> <li>• 3 hours connected to a PC USB port</li> <li>• 2 hours 15 min. with 1 A AC/DC power supply</li> </ul>
<b>IP Rating</b>	IP65
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 112 x 62 x 10/16 mm<sup>3</sup></li> <li>• 4.4 x 2.4 x 0.39/0.63 inches<sup>3</sup></li> </ul>
<b>Operating Temperature</b>	-10 °C to +55 °C
<b>Weight</b>	110 g
<b>USB Cable Length</b>	1.5 m

## Ordering Options

<b>WR1280IXEUAA</b>	skID - RAIN RFID mini sled reader - ETSI		
<b>WR1280IXUSAA</b>	skID - RAIN RFID mini sled reader - FCC		



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