

UHF | RAIN - Stationary Reader CAEN - Slate

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- USB Type - C (Power & Communication)
- HID profile on USB available
- Integrated circular polarized antenna
- Slim form factor with trigger button



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UHF | RAIN - Stationary Reader Mid-Range Desktop Solution

CAEN RFID's Slate (model R1353I) is a slim UHF | RAIN RFID reader from the easy2read© product line with an integrated antenna for short to medium range applications. The reader is powered and controlled directly from a USB type C cable, allowing RAIN RFID tags to be read in a simple desktop environment.

Thanks to its compact size, the Slate UHF | RAIN RFID reader is the perfect choice for various applications such as point-of-sale, document tracking, tag programming stations, access control and tool tracking. It can also be used as a building block for smart shelves and smart displays.

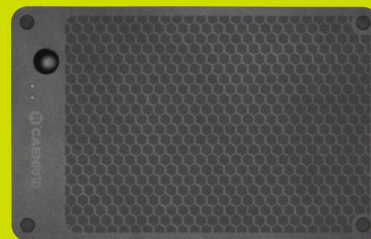
The Slate UHF | RAIN RFID reader supports the HID profile (native keyboard emulation), allowing it to interact directly with legacy applications, office automation software or any other generic solution that requires manual input. The reader has a physical trigger button that, when enabled, allows the reading process to start only when needed. The same trigger signal is also available via a jack connector for use with an external trigger button.

The Slate can also be screw mounted using the mounting holes in the corners of the reader. Compliant with both European and US regulations, the Slate3 reader can be installed in different countries around the world as required by retailers, hauliers, warehouses and other global organisations.

Common Applications

- Smart display
- Tag Programming
- Point of sale
- Document tracking
- Tool tracking

CAENRFID



Slate UHF | RAIN - RFID
Your ideal partner for
point of sales 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 -5dBm ERP to 20 dBm ERP (ETSI)
Antenna Gain	-3 dBi (typical)
Reader IC	Impinj E310
Antenna Type	Circular polarized antenna
Reading Range	Up to 1 meter (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
Interface Settings:	Baudrate: 9.6 to 921.6 kbps Databits: 8 Stopbit: 1 Parity: none Flow control: none
I/O Level	3.3 V

Physical Characteristics

Dimension	220 x 140 x 17 mm
Weight	275 g
Connector Type	USB Type - C
IP Protection	IP 30
Temperature	-10 °C to +55 °C
Humidity	N/A

Electrical Characteristics

Voltage	5 VDC
I/O Interface	Power button Trigger button Jack connector for ex. trigger Bi-tonal buzzer
LED	Power & Status LED

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, Jave & Light C
Tools	Software Development Kit

Part No. / Model

25-RSR-C01-0011-01	Slate - Impinj E310 - ETSI
25-RSR-C01-0012-01	Slate - Impinj E310 - FCC