

Slate - R1260E/U

**USB Desktop
RAIN RFID Reader**



Features

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- USB power and communication
- Integrated circular polarized antenna
- Low-profile form factor

Applications

- Points of sale
- Access control
- Tag Programming Stations
- Document tracking
- Inventory Management

Overview

The **Slate** (model R1260E, R1260EB, R1260U, R1260UB), desktop reader of the easy2read® product line, is a RAIN RFID reader with integrated antenna for short to medium range applications.

The reader is powered and controlled directly by an USB cable, thus allowing to read RAIN RFID tags in an easy desktop environment.

Thanks to its low profile (15 mm) and its size (approximately an A4 page), the **Slate** reader is the perfect choice for various applications such as points-of-sale, document tracking, tag programming stations, access control and so on. It can also be used as a building block for smart shelves and smart displays.

Being compliant with European (model R1260E, R1260EB) and US (model R1260U, R1260UB) regulatory environments, the **Slate** reader allows installations in various countries worldwide as needed by retailers, forwarders, warehouses and other global organizations.

The core component of the **Slate** reader is the CAEN RFID **Quark** module, the lowest power consuming module available on the market.

Technical Specification Table

Frequency Range	- 865.600÷867.600 MHz (ETSI EN 302 208 v. 3.1.1) (Mod. R1260E) - 902÷928 MHz (FCC part 15.247) (Mod. R1260U) - 920.625÷924.375 MHz (SRRC RFID national standards) (with WPE1260UYBCN)
Frequency Tolerance	±10 ppm over the entire temperature range
RF Power	Configurable in 15 levels from 4 dBm ERP to 18 dBm ERP (from 2.5 mW ERP to 67 mW ERP)
Number of Channels	- 4 channels (compliant to ETSI EN 302 208 v. 3.1.1) (Mod. R1260E) - 50 hopping channels (compliant to FCC part 15.247) (Mod. R1260U) - 16 hopping channels (compliant to SRRC RFID national standards) (with WPE1260UYBCN)
Standard Compliance	EPC Class 1 Gen 2 - ISO18000-63
Antenna	Integrated Circular Polarized Antenna
Connectivity	- USB type A plug connector - BUS powered USB 2.0 device - Must be connected to High-Power USB Type A port (500 mA @ VBUS) - Virtual COM Port parameters: - Baudrate up to 115.200kbps - Databits: 8 - Stopbit: 1 - Parity: none - Flow control: none
User Interface	- Green LED: Power - Blinking Red LED: Tag Detection - Blinking Yellow LED: USB communication activity - Buzzer: user programmable event signalling
USB Cable Length	1.5 m.
Power Supply	- 5V ± 5% - DC bus powered (USB) - Max 400 mA
Dimensions	- (W)297 x (L)205 x (H)15 mm ³ - 11.7 x 8.0 x 0.6 inches ³
Operating Temperature	-10°C to +55°C
Weight	525 g.

Ordering Options

WR1260EZBAAA	Slate - ETSI version - Black		
WR1260UYBAAA	Slate - FCC version - Black		
WPE1260UYBCN	Slate - China customization		