

Technical Data Sheet

Overview

- One of the world wide smallest UHF RFID reader
- USB interface
- Full PUR reader platform functionality
- Simple software control using the provided SDK and Reader Suite
- Supported OS: Windows, Linux, and Mac OS
- Integrated linear antenna structure

Applications

- Workspace data capturing
- Logistics
- Access control
- Document or object tracking
- RFID initialisation desk
- Integration in e.g. mobile devices

Contact

RF-Embedded GmbH
Rosenheimer Straße 33
83064 Raubling
GERMANY

CEO:
Dipl.-Inf. (FH) Jochen Kuhn

Tel.: +49 8035 96 47 76 – 0
Fax: +49 8035 96 47 76 – 88

info@rf-embedded.eu
www.rf-embedded.eu



Technical Details

RFID Characteristics

Frequency range:	865 to 868 MHz (ETSI, others on request)
Tag protocol read + write:	EPC C1 Gen 2 (ISO 18000-6C)
Reading distance:	0.3m (tag dependent)
Writing distance:	70% of reading distance
RF power capability:	20 dBm with up to 17 dB configurable attenuation
Antenna:	Internal antenna (linear)

Interfaces

Data interface:	USB (virtual COM port)
User interface:	Power-LED Read-LED

Miscellaneous

Voltage supply:	5V DC by USB (+ 5%)
Power consumption:	max. 350 mA
Operating temperature:	-10° to +50° C
Storage temperature:	-20° to +70° C
Relative humidity:	0-95%, non-condensing
Protection class:	IP 40
Dimensions:	L: 75 mm / W: 12 mm / H: 22 mm
Weight:	16 g

