

### Technical Data Sheet

#### Overview

- Rugged, highly integrated UHF reader
- WLAN interface
- Full PUR reader platform functionality
- Simple software control using the provided SDK and Reader Suite
- Supported OS:  
Windows, Linux and Mac OS
- Integrated circular antenna structure

#### Applications

- Mobile data capturing
- Logistics
- Object tracking
- Optional stationary use possible

#### Contact

RF-Embedded GmbH  
Kufsteiner Straße 11  
83080 Oberaudorf  
GERMANY

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

Tel.: +49 8033 302 313 – 0  
Fax: +49 8033 302 313 – 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:	1m (tag dependent)
Writing distance:	70% of reading distance
RF power capability:	24 dBm with up to 19 dB configurable attenuation
Antenna:	Internal antenna (circular)

##### Interfaces

Data interface:	WLAN USB (virtual COM port)
User interface:	Power LED, WLAN LED, Battery LED Power Button

##### Miscellaneous

Voltage supply:	Integrated high-performance battery Integrated charger with external power supply
Operating temperature:	-10° to +50° C
Storage temperature:	-20° to +70° C
Relative humidity:	0-95%, non-condensing
Protection class:	IP 54
Dimensions:	L: 120 mm / W: 105 mm / H: 32 mm
Weight:	330 g

