

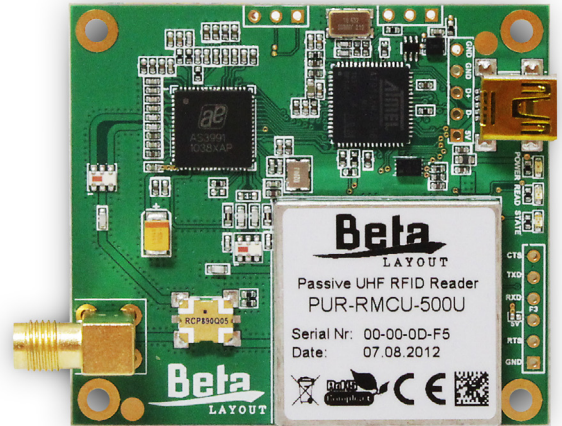


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Beta LAYOUT

## RFID-Reader PUR-RMCU-500U Beta

### - Technical data sheet -

- Universal UHF RFID Reader Platform
- Can be fully integrated
- USB interface
- Easy software connection using the supplied Smart Reader App and Reader Suite
- Supported operating systems: Windows 7 and Windows XP
- The recorder can record up to 255 transponders in the group.



### RFID Performance Data

**Frequency range:** 840 to 960 MHz / UHF RFID global  
**Reading & writing tag records:** EPC C1 Gen 2 (ISO 18000-6C)  
**Reading range:** up to 4 m (depends on output & tag)  
**Writing range:** 70 % of reading range  
**Sending output (performance class):** up to 27 dBm (500 mW)  
with damping adjustable up to 17 dB  
**Antenna connection:** SMA

### Interfaces

**Record interface:** USB  
**Visual interface:** Power LED, status LED, read-LED

### Additional technical data

**Power supply:** 5V DC via USB (+ 5 %)  
**Current consumption (performance class):** approx. 750 mA (500 mW)  
**Operating temperature:** -10° to +50° C  
**Permissible storage temperature:** -20° to +70° C  
**Permissible humidity:** 0-95 %, not condensing  
**Dimensions:** W: 50 mm / H: 57 mm / D: 15 mm  
**Weight:** approx. 20 g

### Fields of application

- Circuit board identification
- Logistics applications
- Access control
- Document/object tracing
- RFID initialisation station
- Stationary reader
- Integration in mobile devices

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