



CR-100 RFID Reader

Application

The CR-100 RFID Reader is designed to identify user by their unique ID taken from MIFARE transponder. Reader supports ISO/IEC 14443 A/MIFARE and NTAG. CR-100 is equipped with a 150 cm long cable for desired user's application. Operating frequency is 13,56MHz.

Characteristics

- ✓ TTL UART digital interface
- ✓ Various MIFARE transponders supported
- ✓ Optional sleeve working as card holder
- ✓ Wide supply voltages (5V-30V)
- ✓ Possibility of connecting to other PULSON's devices like LA-250 or LA-450.
- ✓ Built-in antenna
- ✓ Two LEDs for indicating purposes



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Technical specification

Average power consumption	20mA
Maximal power consumption	40mA
Temperature operating range	From -40C to +85C
Dimensions (Length Width Height)	85 x 55 x 7 mm
Operating voltages	From 5V to 30V
IP Enclosure Ratings	IP 30
RFID antenna	Built in
Number of LEDs	2 (red and green)
Ignition input	Yes
Maximum read distance	5cm (depending on the transponders)
Maximum simultaneous number of transponders	2 (3 not guaranteed)
Supported transponders	ISO/IEC 14443 A, NTAG, MIFARE Mini, MIFARE 1K, MIFARE 4K, MIFARE Ultralight, MIFARE DESFire EV1 and MIFARE Plus RF
Operating frequency: 13.56MHz	13.56MHz



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