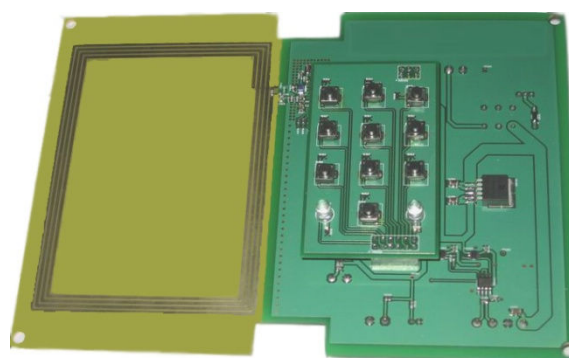


RFID reader

LIENVIET
Powerful inside!

Multi-Protocol Series

The Multi-Protocol RFID Reader Series enable a broad range of 13.56MHz RFID interrogator design. These low power consumption devices support multiple RF communication protocols, minimizes onboard power



requirement and reduce parts count in a final product.

- ✓ Support multi-protocol: ISO15693, ISO14443A, ISO14443B, Tag-It
- ✓ Reader-to-Reader Anti-Collision
- ✓ Use PCB Antenna for transmission
- ✓ Programmable Output Power
- ✓ Updateable firmware in field
- ✓ Support a relay output to control external devices
- ✓ Support a RS-485 port for long range transmission
- ✓ Support a key board
- ✓ Enable remote/local powering
- ✓ Detected Tag Indicators
- ✓ Easy to customize hardware and firmware
- ✓ Easy to use and configure
- ✓ Low-cost volume

Technical Specifications

Operating Frequency	13.56 MHz +/- 7 Hz
Supported Transponders	ISO15693, ISO14443A, ISO14443B, Tag-It
Power Supply	5VDC to 13.8 VDC
Transmitter Power	100 mW or 200 mW

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Multi-Protocol RFID Reader

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Powerful inside!

Communication Interface	RS-485
Communication Rate	1200 bps, 4800 bps, 9600 bps, 19200 bps
Communication Range	Up to 500 m (depend on data rate)
Communication Protocol	Tag-it & ISO Host protocol
Memory	Flash for downloadable firmware update
Operating Temperature	-20°C to +65°C
Humidity	Up to 90%
Keys	0 to 9
Control Output Port Type	Relay

Typical Application

- Secure Access Control
- Product Authentication
 - o Printer Ink Cartridges
 - o Blood Glucose Monitors
- Contactless Payment Systems
- Medical Systems

Ordering parts

RFID-1356R/@/#

@: Power supply

5: 5VDC to 13.8 VDC

~: Customized order

#: Communication interface

RS: RS-485 interface

~: Customized order



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