13.56 MHz HF RFID Reader for Self Issue – Return Kiosk and Drop Box in Library

Model Number: ETS-RD 05

**General Description:**

ETS-RD 05 is a special purpose HF reader which is uniquely designed for use in self issue return kiosk in RFID Library Automation Solutions. It has a very sleek shielded design and works to its best performance even in a metal surrounded environment. Its accurate and high performance read range of up to 40 cm (tag dependent) makes it one of the best readers for Library applications. It fully supports ISO 15693 and ISO 18000 -3 protocol tag standards.

**Technical Specification:**

- Operating Frequency: 13.56MHz
- Compatible Protocols: ISO15693 and ISO18000-3
- RF Power: 0.25~1.5W (adjustable)
- Communication Interface: RS232
- Read Range: 40cm
- Misreading Range: ≤16cm
• Anti-collision Algorithm: Support
• Reading Speed: Up to 50pcs per second
• Working Voltage: DC12V, ≤400mA
• Max Power Consumption: 3.5W
• Host and Scan Mode: Support (set through software)
• Shielded Design: Yes
• EMI Detection: Support
• Housing Material: PCB and metal plate
• Dimension: 380*280*28.5mm
• Weight: 2510g