

SS135 RC RFID Reader

13.56 MHz Multi-Protocol Reader Module

Overview

RC-RFID is a multi-protocol plug&play reader which supports ISO14443-A, Mifare Standard, Ultralight, 4K mifare, DesFire, SLE 55Rxx, SLE66CL160S, and 6th ISO14443 compatible card transponders.

The RC-RFID reader is designed for developers and system integrators who need a small-size reader module for fitting in the existing products. The firmware can be changed to meet the customer's requirement.

Development Support

- > Dynamic Link Library (DLL)
- > Active X
- > Sample Code: C++, C#, VB, .Net, html, javascript

Application

- > Desktop Reader
- > Access Control
- > Electronics Purse
- > Membership System
- > Time Attendance
- > Production Line Tracking



SS135 RC RFID Reader is perfect for membership applications. We have developed a membership system which is ready to use and easy to expand. Our membership systems include

- member registration
- member card issue + card printing
- point of sale
- member privilege
- transaction history
- administrative reports
- facility authorization (such as printer, copier)
- access control



Performance Characteristic

Frequency:	HF band, 13.56MHz
Support Transponders:	ISO/IEC 14443 A/B, ISO/IEC 15693
Communication Protocol:	Communication Protocol
Communication Parameters:	9600-115200 Bit/s (default 38400)
Communication Signal Level:	RS232(TTL) / USB 2.0
Interface Connector:	10 pin 2mm.
Antenna Type:	Integrated internal 50 ohm antenna
Operating distance:	7-10 cm.
Upgradable Firmware:	Yes

Physical Characteristic

Dimensions(L x D, H):	176 x106 x 55.4 mm.
Weight:	100g
Mounting:	Desktop Stand

Environment

Operating Temperature:	-20 C to +70 C
Power:	- Input Voltage +5 VDC +- 5% - Active Current less than 120 mA. - Standby Current: less than 80 mA.

About Smartsoft Ltd.

Smartsoft Ltd. is a leading Thai RFID solution provider. Our services include UHF RFID for warehouse management, production line tracking, contactless smartcard applications, logistics and traffic control, etc.

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