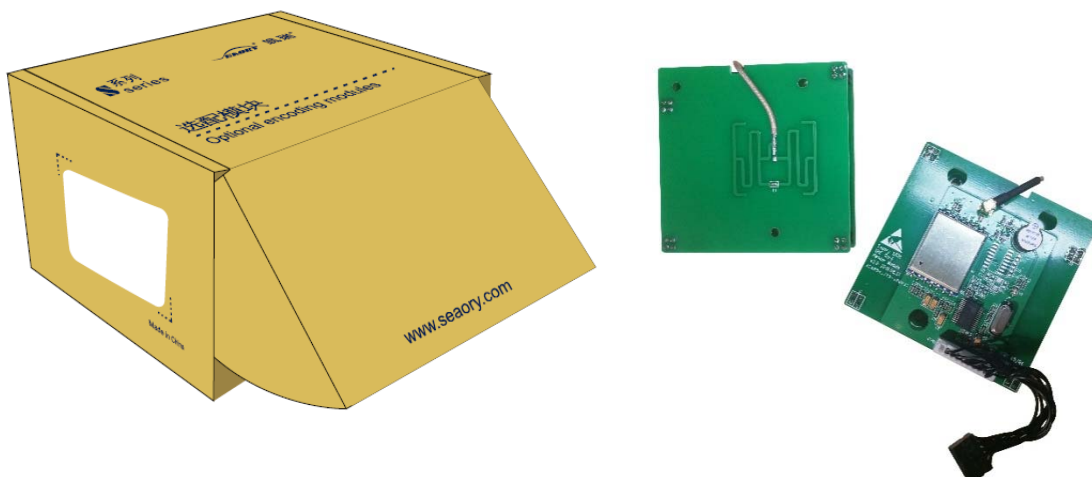## Variety of card encoding module

# UHF Chip card encoding module

## Model: Seaory SR31 UHF Chip card encoding module

## Part Number:BXM.S2206.001

- Support EPC C1 GEN2/ ISO 18000 -6C Air interface protocol standard

- Working frequency 840-960mhz, compatible with Europe, United States, Japan, China, India, user-defined frequency band and other countries & regions UHF RFID band

- Output power: 5~20dBm, stepping 3dB, user can set it by themselves

- USB to RS232 serial port communication (virtual serial port), communication speed up to 115200bps

- Provide API interface function library and demonstration program, can support a variety of operating systems and language development platform, support online upgrade

- Suitable for Seaory S series Card printers

# 1. Product overview

The SR31 is a powerful, fast card reading speed and good conflict prevention effect UHF chip cards encoder for the Seaory S series card printers

Operating frequency 840 ~ 960MHz, compatible with UHF RFID frequency bands in all countries and regions such as Europe, the United States, Japan, China, India and user-defined frequency bands.

Provide API interface function library and demonstration program, can support a variety of operating systems and language development platform, support secondary development and online upgrade

# 2. Main features

- » Ultra wide operating frequency range
- » Free switching of output power, suitable for more operating environment
- » Fast card reading speed and good conflict prevention effect
- » Provides the general interface function library and the demonstration procedure, supports the secondary development

# 3.Specification

| Model name | Seaory SR31 UHF Chip card encoding module |
|---|---|
| Air interface protocol | EPC C1 GEN2/ ISO 18000 -6C |
| Working frequency | 840～960MHz |
| Output power | Output power: 5~20dBm, stepping 3dB, user can set it by themselves |
| Communication rate | 9600-115200bps |
| Communication methods | USB to RS232 serial port communication (virtual serial port) |
| Operating system | Windows,Android ,Linux |
| Voltage | DC3.6~6.5V |
| Working environment | Temperature:-10℃～50℃； Humidity:5%～93%（Non - Condensing） |
| Other features | Provide API interface function library and demonstration program, can support a variety of operating systems and language development platform |
| Part Number | BXM.S2206.001 |