

## SD807 UHF desktop RFID reader



Specially designed for users or management center, SD807 card issuer is applied in RFID integrated system for tag data initializing, tag data querying & modifying, and tag function test applications. It can also be used as a short range RFID reader.

### Functions

- Working in UHF(860-920MHz) band, built-in circular polarization antenna.
- Support RS-232, Ethernet interfaces
- Providing special card issuing operation order, and supporting multi-tag issuing
- Built-in large capacity memory and real-time clock, it can keep operation records of 5000 cards for backup and inquiry
- Providing strong API user interface
- Upgrade firmware by serial port online

### Tag Operation

- The issuer supports writing on EPC Class 1 Gen 2 (ISO18000-6C)
- Compatible with ISO18000-6B tag operation

### Performance Index

<b>Operating Frequency</b>	902 - 928MHz, 865 - 868MHz, RF band customized (optional)
<b>Frequency Hopping</b>	FHSS or Fixed Frequency
<b>Power Output</b>	+10dBm
<b>Antenna</b>	Built-in circular polarization antenna
<b>Communication Interface</b>	RS-232, Ethernet interface
<b>Firmware Upgrade</b>	Supporting serial port
<b>Application Software Platform</b>	API(C++, C#) development kit (can be customized)

### Tag Operation

<b>Tag Protocol</b>	ISO18000-6B、EPC Class 1 Gen 2(ISO18000-6C)
<b>Reading Range</b>	0~3m
<b>Writing Range</b>	0~1m
<b>Card Issuing Time</b>	Single Card <150ms(writing EPC code and relative locking operation)

#### Mechanical/Electric Performance

<b>IP Rating</b>	IP54
<b>Indicator</b>	Buzzer and LED(Power, Antenna, Reading/Writing)
<b>Power</b>	DC 12V input
<b>Product Dimension</b>	183mm×142mm×50mm(L×W×H)
<b>Package Dimension</b>	320mm×226mm×133mm(L×W×H)
<b>Net Weight</b>	1.07Kg
<b>Gross Weight</b>	1.99Kg
<b>Operating Temperature</b>	-20°C ~ +60°C
<b>Storage Temperature</b>	-60°C ~ +80°C
<b>Humidity</b>	5% ~ 95%(non-condensing)