

## UHF card reader



SVUHR06

SVUHR06 is a fixed compact reader, compatible with ISO 18000-6C standard, with an operating frequency of 902MHz~928MHz, exquisite appearance, and outstanding reading and writing performance. The reader can be widely used in warehousing logistics management, retail logistics center management, enterprise transportation management and automated production line management.

## Application areas

Logistics and warehousing management: flow and warehousing management of goods, as well as flow management of mail, parcels, and transport luggage;

Intelligent parking management: parking lot management and charging automation;

Production line management: identification of fixed points in production processes;

Product anti-counterfeiting detection: using the write protection function of the memory in the tag to identify the authenticity of the product;

Other areas: It has been widely used in club management, library, student enrollment, consumption management, attendance management, dining management, swimming pool management and other systems.

## Product functions

Low power, stable and reliable reading and writing distance

Fast data reading rate

Tag wake-up recognition

Multi-region multi-tag reading

Multi-protocol compatibility

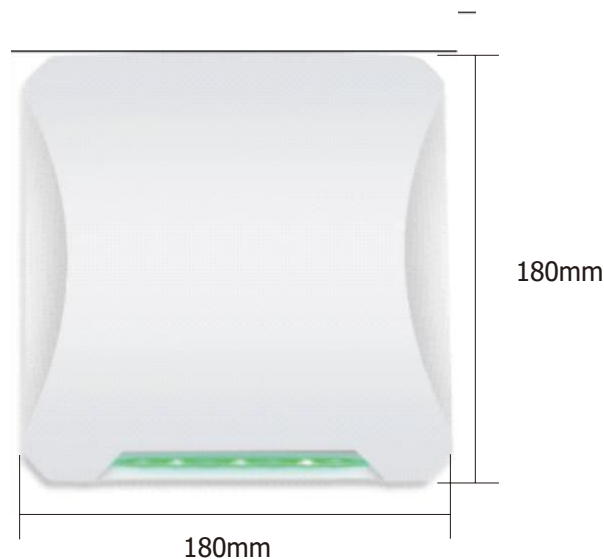
Waterproof appearance design

## Specifications

System parameters	ARM7+UHF module
Working frequency	National standard (920 925MHz)
	American standard (902 928MHz)
	European standard (865 868MHz)
	Other multinational frequency standards (customized)

<b>Identification distance</b>	>6 meters
<b>Group reading performance</b>	>50 tags
<b>Tag protocol</b>	Support ISO18000-6C (EPC GEN2) protocol electronic tags
<b>Frequency hopping mode</b>	Frequency hopping spectrum (FHSS) or fixed frequency, can be set by software;
<b>Working mode</b>	Automatic mode, trigger mode, interactive mode, etc.
<b>RF power</b>	0-30dBm (power software adjustable)
<b>Antenna parameters</b>	8dBi circular polarization antenna (built-in)
<b>Supported interface</b>	Standard RS232 or USB, RS485, Wiegand26, Wiegand34, optional RJ45, WIFI, GPRS, etc.
<b>Working voltage</b>	+12V
<b>Identification prompt</b>	Buzzer or LED flash
<b>Power consumption</b>	<1W
<b>Working temperature</b>	-20°C~+70°C (customization is required if out of range)
<b>Working humidity</b>	20%~ 95% (no condensation)
<b>Storage temperature</b>	-40°C~+125°C
<b>Dimensions</b>	180x180x60MM/265x185x70MM
<b>Net weight</b>	550G
<b>Gross weight</b>	1100G
<b>Secondary development</b>	Provide dynamic link library (DLL) and demonstration software source code to support secondary development.
<b>Notes</b>	The recognition distance and group reading performance depend on the tag performance and specific application scenarios, and can be customized as required.

## Dimensions





Standard Edition

Network Edition  
(optional)

USB

- ① D0
- ② D1
- ③ Trig

- ① +12V
- ② GND
- ③ 485-
- ④ 485+

DC12V

LAN

+NO  
-COM