

UHF card reader



SVUHR15

SVUHR15 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+E710 module
Operating frequency	National standard (920~925MHz)
	American standard (902~928MHz)
	European standard (865~868MHz)
	Other multinational frequency standards (customized)

Identification distance	>25 meters
Group reading performance	>500 tags
Tag protocol	Support ISO18000-6C (EPC GEN2) protocol electronic tags
Frequency hopping mode	Frequency hopping spectrum (FHSS) or fixed frequency, can be set by software;
Working mode	Automatic mode, trigger mode, interactive mode, etc.
RF power	0-33dBm (power software adjustable)
Antenna parameters	8dBi circular polarization antenna (built-in)
Supported interface	Standard RS485, Wiegand26, Wiegand34, optional RJ45, GPRS, etc.
Working voltage	+12V
Identification prompt	Buzzer or LED flash
Power consumption	<5W
Working temperature	-20℃~+70℃ (customization required if out of range)
Working humidity	20%~95% (no condensation)
Storage temperature	-40℃ ~+125℃
Dimensions	180x180x60mm/265x185x70mm
Net weight	550G
Gross weight	1100G
Secondary development	Provide dynamic link library (DLL) and demonstration software source code to support secondary development.
Notes	The recognition distance and group reading performance depend on the tag performance and specific application scenarios, and can be customized as required.

Dimensions



