

SAF-01E/R Integrated RFID Reader and Antenna Ultra High Frequency 920-925MHz

Development Support

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

Application

- > RFID Tag Encoder
- > Desktop Reader
- > Long range parking system
- > Vehicle identification
- > Time Attendance
- > Production Line Tracking

SAF-01E/R is a high performance UHF RFID reader. It comes with a high performance integrated antenna that can save your research time for a good matching antenna. With a water-proof housing, SAF-01E/R can be used in wide range of application from indoor warehouse management to outdoor vehicle identification.



- warehouse tag encoder
- desktop UHF RFID reader
- point of sale
- vehicle identification
- long-range parking system
- automation tracking system
- access control



Performance Characteristic

Frequency:	UHF 920-925 MHz
Support Transponders:	ISO18000-6C , EPC Class1 Gen2
Antenna Type:	Circular Polarized 5.5dBi gain
RF power output:	30 dBm (adjust steps 1/10 dBm)
Communication Signal Level:	RS232 / LAN / RS485
Tag Buffer:	10000-65535 tags with time stamp
Antenna Type:	Integrated internal 50 ohm antenna
Enclosure:	Water proof enclosure
Ungradable Firmware:	Yes

Physical Characteristic

Dimensions(L x D x H):	330 x 330 x 65 mm.
Weight:	1.50 Kg.
Mounting:	desktop / wall mount

Environment

Operating Temperature:	-20 C to +70 C
Power:	- Input Voltage +12 VDC +- 5% - Active Current less than 980 mA. - Standby Current: less than 120 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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