SR10

Stick Reader
Powered By RFID Technology

WiFi Bluetooth USB RFID
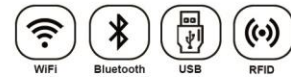
Designed according to the latest international standards to read, detect, record, and send the ID to other devices via WiFi. The shape and size of the SR10 provide access to the RFID tags in hard and less accessible workspaces.

Features

- Equipped with LF RFID reader (134.2KHz or 125KHz)
- Sending data to cell phone and computer via WIFI
- Storing time automatically after reading RFID tag
- Storing more than 250000 records
- Android app. with different facilities
- Programmable with C language
- Windows DLL for developing proprietary applications
- Flashlight
- Simple to use and efficient

Applications

- Reading RFID tags in hard and less accessible workspaces (such as animals and trees)
- Periodic and visual inspection
- Security inspection
- Guarding and Patrolling System

TAPCO ®
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TAPCO- Leader of Automatic Data Collection Systems

SR10 Specifications

Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F). Specifications are subject to change without notice.

General

Type	Stick Reader
CPU	32-bit ARM Cortex-M3, 100MHz
Storage Capacity	Up to 250000 Records (Serial of Tag Along With Read Date and Time)
Date & Time	Real Time Counter (RTC)
Keyboard	One Key for On-Off/ Reading Tag and Flashlight
Display	Two LEDs: Red for Power, Green for OK
Flashlight	LED Type
Other	Buzzer/ Vibrator

Power

Battery	Chargeable Li-ion, 3.7V/ 3300mAh
Charger	Adaptor 5V/ 1A MiniUSB 5V
Work Time with Full Battery	Standby Mode: More Than 10 Years Working Mode: Reading More Than 60000 RFID Tags (or Reading RFID Tags Continuously for 35 Hours)
Data Retention	10 Years
Power Management	Auto Power Off Device Turn Off Device When Power is Low

Connectivity

RFID Reader	RFID LF 134.2KHz Reader (or) RFID LF 125KHz Reader
MiniUSB	For Data Exchange with PC and Battery Charging
WIFI (or Bluetooth optional)	802.11 b/g/n Protocol +19.5dBm Output Power in 802.11b Mode

Physical Characteristic

Size	515*34mm (Length, Diameter)
Case Type	Polyamide
Weight	342g (with Battery)
Operating Temperature	- 20 ~ 55 °C
Storage Temperature	- 30 ~ 70 °C
Humidity	20 ~ 95% RH

Software

Simad: Application for Livestock Information Management (Windows, Android)

Development Tools

Windows DLL

C Libraries

Accessories

MiniUSB Cable

Adaptor 5V/ 1A

Android Application Software

Windows Software (optional)

Carrier Bag (optional)

One Year Warranty , Five Years After Sales Services