Yanzeo-SU200-UHF-RFID-Reader
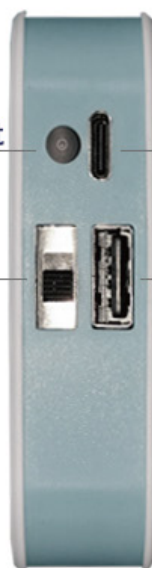
136MM

20MM

85MM

ON/OFF

RF

Power indicator and
Charging indicator light

Type-C charging interface

Power switch

USB2.0 communication interface

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Yanzeo-SU200-UHF-RFID-Reader is a fixed compact reader, compatible with ISO 18000-6C and ISO 18000-6B standards, its operating frequency of 902MHz ~ 928MHz, compact appearance, read and write performance. The product is based on the R2000 design, fully supports the EPC CLASSI G2 standard of electronic tags, excellent multi-label anti-collision function; The reader can be widely used in RFID application management systems such as warehousing asset management, inventory management, product traceability and anti-counterfeiting systems.

Application field:

- Logistics and warehousing management: the flow of goods and warehousing management, as well as the flow management of mail, parcels, transportation luggage, etc.;
- Production line management: identification of production process points;
- Product anti-counterfeiting detection: use the label memory write protection function to identify the authenticity of the product;
- Other areas: in the club management, library, student status, consumption management, attendance management, dining management, swimming pool management and other systems have been widely used.

Product Features：

- Low power, stable and reliable reading and writing distance;
- Design, Bluetooth 4.0 wireless communication mode;
- Fast data reading rate;
- Tag wake-up recognition;
- Multi-region multi-label reading;
- Multi-protocol compatibility;

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Technical parameters

System parameter	ARM7+UHF module
Operating frequency	National standard（920～925MHz） Us standard（902～928MHz） European standard（865～868MHz） Other multi-national frequency standards (custom)
Identification distance	0～5 m
Group read performance	>200 tags
Label protocol	Support ISO18000-6C (EPC GEN2) protocol electronic labels
Frequency hopping mode	Broad spectrum frequency hopping (FHSS) or fixed frequency, which can be set by software
Working mode	Active mode, response mode, passive mode, etc
RF power	0-33dBm (Power software adjustable)
Antenna parameters	3dBi Circular Polarized antenna (built-in)
Support interface	Bluetooth, USB
Operating voltage	+3.7～4.1V
Battery capacity	10000mA
Working hours	Work continuously for >10 hours
Identification prompt	Beep or LED flash
Power consumption	<4W
Working temperature	−20℃ ～ +70℃ (Beyond the scope need to customize)
Working humidity	20％ ～ 95％ (no condensation)
Storage temperature	−40℃ ～ +125℃
Dimensions	136mm×85mm×20mm
Net weight	300G
Gross weight	400G
Secondary development	Provide demo software and source code, support secondary development.
Note	The Identification distance and group read performance depend on the label performance and application scenario, and can be customized as required.