

## ***Yanzeo M4***

### ***High Performance UHF split-type reader***



Reader Size: 130x120x30mm



Front side



Back side

M4 is a split-type high-performance electronic label reader. Based on the R2000R innovative radio frequency engine design, it has a strong multi-label prevention conflict processing capability; 902MHz ~ 928MHz, exquisite appearance, outstanding reading and writing performance. The reader can be widely used in the fields of warehousing logistics management, retail logistics center management, corporate transportation management and automated production line management.

## Application field

- Logistics and warehousing management: flow management of items flow and storage, as well as mobile management of mail, parcels, transportation luggage, etc.
- Smart parking lot management: the management and charging of parking lots;
- Production line management: identification of the fixed point of production process;
- Product anti -counterfeiting detection: Use the in -label memory to write the protection function to identify the authenticity of the product;
- Other areas: systems such as club management, library, student status, consumption management, attendance management, dining management, and pool management have been widely used.

## Product Features

- The power is small, the reading and writing distance is stable and reliable;
- E710 chip, fast data reading rate;
- Label wake -up identification;
- Multi -area multi -labels read;
- Multi -agreement compatibility;

## Technical parameters

System parameters	ARM7+R2000 module
Working frequency	National standard (920 ~ 925MHz) American Standard (902 ~ 928MHz) European Standard (865 ~ 868MHz) Other multi-country frequency standards (customized)
Identification distance	> 30 meters (depends on the antenna)
Group reading performance	> 200 labels
Label protocol	Support ISO18000-6B, ISO18000-6C (EPC Gen2) protocol electronic label
Frequency hopping	Wide spectrum Frequency Hopping (FHSS) or fixed frequency, configurable by software
Working mode	Automatic mode, trigger mode, interactive mode, etc.
RF power	0-33dbm (power software adjustable)
Antenna parameter	It is determined according to the specific application (up to 4 antennas)
Support interface	RS485, Wiegand26, Wiegand34, RJ45, etc.
Operating Voltage	+12V
Identification tips	Buzzer or LED flashing
Consumption	<10W
Operating temperature	-20 ℃ ~ +70 ℃ (Customized beyond the range)
Working humidity	20 % ~ 95 % (no dew)
Storage temperature	-40 ℃ ~ +125 ℃
Dimensions/outer packaging	130x120x30mm / outer packaging size: 290*145*70mm
Net weight	500G
Gross weight	1000G
Secondary development	Provide dynamic connection library (DLL) and demonstration software source code to support secondary development.
Remark	The identification distance and group reading performance need to be determined by the label performance and specific application scenarios. You can customize it as required