

ENT Card Reader

ENT-202415 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.



ENT-202415

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 automaton; Production line management: identification of fixed points in product processes; Production- 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	: 15 meters
Group reading performance	: >200 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, Interact mode, etc.
RF power	: 0-33dBm (power software adjustable)
Antenna parameters	: 8dBi circular polarization antenna (built-in)
protocol	: ISO 18000-6C
Supported interface	: Standard RS485, Wiegand26, Wiegand34, Rj45 (ethernet), Optional GPRS, etc.
Outdoor Standarded	: IP65
Working voltage	: +12V
Identification prompt	: Buzzer or LED flash
Power consumption	: <5W
Working temperature	: 20 C~+70 C (customization requied if out of range)
Working humidity	: 20%~95% (no condensation)
Dimensions	: 260x260x70mm
Net weight	: 2.4 KG
Gross weight	: 3.7 KG
Secondary development	: Provide dynamic link library (DLL) and demonstration software source code to support secondary development.
Remark	: The recognition distance and group reading performance depend on the tag performance and specific application scenarios, and be customized as required.

Dimensions



