

CR20

UHF RFID Integrated Reader



UHF



RFID



20 MTR
Reading
Range



9 DBI
Antenna



TCP/Relay



IP66



Password
Mode



Parking



Warehouse



Inventory



Asset
Tracking



Weighbridge



Toll Tax

Technical Specifications

CR 20

System parameters	AFM7 (IMpinj Optional)
Operating frequency	European standard (865~ 867MHz)
	Other multinational frequency standards (customized)
Identification distance	>20 meters
Group reading performance	>200 tags
Tag protocol	Supports ISO18000-6B, ISO18000-6C(EPC GEN2) protocol electronic tags
Frequency hopping mode	Frequency hopping spectrum(FHSS) or fixed frequency, can be set by software
Working mode	Active mode, response mode, passive mode, etc.
RF power	0-33dBm (power software adjustable)
Antenna parameters	9dBi circularly polarized antenna (built-in)
Supported interface	Standard RS485, Wiegand26, Wiegand34, optional RJ45, WIFI, GPRS, etc.
Working voltage	12V/2A
Identification prompt	Buzzer or LED Flash
Power consumption	<12W
Working temperature	-20oC ~ +70oC (customization required if out of range)
Working humidity	20% ~ 95% (no condensation)
Storage temperature	-40°C~125°C
Dimensions	260*260*70mm/355*260*80mm
Net weight	2400G
Gross weight	3700KG
Secondary development	Provide dynamic link library (DLL) and demonstration software source code to support secondary development.
Notes	The recognition distance and group reading performance depend on the tag performance and specific application scenarios, and can be customized as required.

Technical Specifications

CR 20

Fixed compact reader, compatible with ISO 18000-6B standards, 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.

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 automation;

Production line management: identification of fixed points in production processes;

Product anti-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.

Low power consumption, stable and reliable reading and writing distance

Fast data reading rate, Read more than 200 tags per second

Tag wake-up recognition

Multi-region multi-tag reading

Multi-protocol compatibility

Waterproof appearance design

IP66 waterproof grade, strong and durable.



