



DESCRIPTION

RFG-CR52 is a high performance Long Range UHF RFID integrated reader. It is designed upon fully self-intellectual property. Base don proprietary efficient digital signal processing algorithm, it supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as logistics, access control, anti-counterfeit and industrial production process control system.

Physical Characteristics	
Dimension	445*445*55mm
Weight	3.35 KG
User Environment	
Operating Temp.	Temp-10 - +60 °C
Storage Temp.	Temp -20 - +75 °C
Connectivity	
Communications	RS232/RS485/WG26
Output	Wiegand
Power Supply	9V DC
Technical Parameter	
Frequency	865~868MHz, 902~928MHz frequency band(frequency customization optional)
Protocol	ISO18000-6B, ISO18000-6C(EPC C1G2)
Read Range	12m~15m (Depend On Tag)
Work Mode	Active Mode, Trigger Mode and Answer Mode
Antenna Power	12dbi Linear Antenna
Output Power	Up to 30dbm(adjustable)
Key Feature	
1. Self-intellectual property;	
2. Size:445mmx445mmx55mm	
3. Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;	
4. 865~868MHz, 902~928MHz frequency band(frequency customization optional);	
5. FHSS or Fix Frequency transmission;	
6. RF output power up to 30dbm(adjustable);	
7. 12dbi antenna optional with effect distance up to 10m~15m*;	
8. Support auto-running, interactive and trigger-activating work mode;	
9. Low power dissipation with single +9 DC power supply;	
10. Support RS232, RS485, Wiegand interface	