



DESCRIPTION

RFG-CR32 L is a high performance UHF RFID integrated reader. It is designed upon fully self-intellectual property. Based on 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	445mmx445mmx55mm
Weight	3.55kg
USER ENVIRONMENT	
Operating Temp.	-10~+55°C
Storage Temp.	-20~+75°C
CONNECTIVITY	
COMMUNICATIONS	Rs232, USB,WG26.RELAY,TCP/IP, LAN, WIFI (Optional)
OUTPUT	Wiegand
POWER-SUPPLY	9V DC
RFID UHF	
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(Optional)
Antenna Power	12dbi Linear Antenna
Output Power	Up to 30dbm(adjustable)
Gain(dBi)	12 Hor:40 Ver:40 ≥25 50
Half-power beam width(°)	≤1.3 -10 ~ +55oC -20 ~
Front-to-back ratio(dB)	+75oC
Impedance(Ω)	
VSWR	
Operating Temp	
Storage Temp	

Key Features

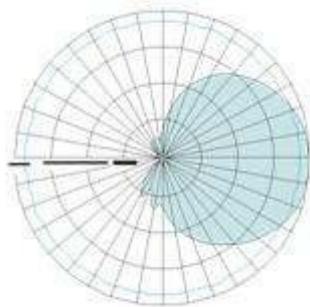
1. Self-intellectual property;
2. Size:445mmx445mmx55mm
3. Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;
4. 865~868MHz, 902~928MHz frequency band(frequency customization optional);
5. FHSS or Fix Frequency transmission;
6. RF output power up to 30dbm(adjustable);
7. 12dbi antenna optional with effect distance up to 10m~20m*;
8. Support auto-running, interactive and trigger-activating work mode;
9. Low power dissipation with single +9 DC power supply;
10. Support RS232, USB, Wiegand, TCP/IP interface;



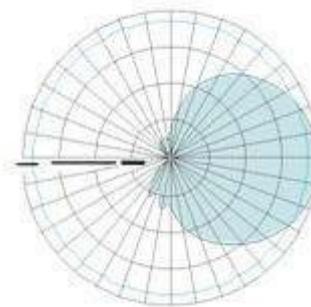
Front side



Back side

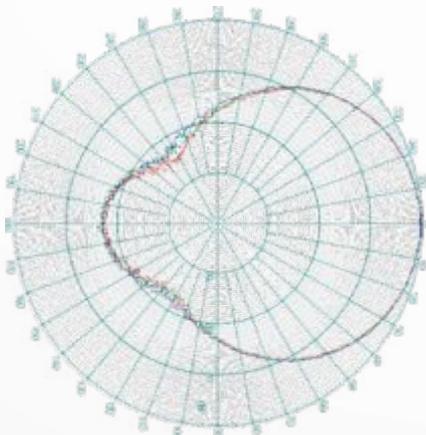


H-Plane



E-Plane

HORIZONTAL PLANE



ELEVATION PLANE

