UHF Desktop RFID Reader

Model：GRF UD 001

Size：165mmx115mmx42mm

Weight: 300g

GENERAL DESCRIPTION

GRF UD 001 is a high performance UHF Desktop 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, and anti-counterfeit and industrial production   process control system.

Model	GRF UD 001
Protocol	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
Protection Grade	IP 40
Work Frequency	Standard ISM 865-868MHz, 902~928MHz (frequency can be customized)
Frequency Hopping	FHSS
Power Output	0-30dBm(adjustable)
Antenna	Built-in 2.5 dBm circular polarized antenna
Interface	USB, Rs232, RS485, wiegand 26/34 (TCP/IP,Wifi can be customized)
Operating Mode	Answer, Active, Trigger
Read Range	0-300 mm
Write Range	0-100 mm
Reading Clue	Buzzer and Led
Input Power	DC 6v (Power Adapter) or powered by USB
Dimension	165mm x 115mm x 42mm
Reading Rate	Software Programmable
N.W	200g
G.W	300g
Operation Temp	-25°C~+60°C
Storage Temp	-25°C~+80°C
Humidity	80%
Regulatory	Compliant with CE,FCC
Additional services	Provide Demonstration software and SDK for further development

FEATURES

- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;
- 902~928MHz frequency band(frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 30dbm(adjustable);
- Built-in transceiver antenna, read distance > 500mm , write distance > 300mm
- low-power design, USB direct power supply ;
- support response (interactive) work mode and active mode of operation;
- Provide DLL and Demonstration Software Source code to facilitate further development.

* Effective distance depends on antenna, tag and environment.

Remark:

1. Specifications are subject to change, please pay attention to our latest one.