

HYINTECH

HYB615

UHF RFID

Integrated Reader & Writer



Size: 445mmx445mmx55mm

OEM, No Logo on Product is Available

General Description

HYB615 is a high performance UHF RFID integrated reader&writer. 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.

FEATURES

- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;
- 860~928MHz frequency band(frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 30dbm(adjustable);
- 12dbi antenna optional with Reading distance up to 15 meter;
- Support auto-running, interactive and trigger-activating work mode;
- Low power dissipation with single +9 DC power supply;
- Support RS232, RS485, Wiegand interface;

** Effective distance depends on antenna, tag and environment.*

CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	16	V
Operating Temp.	T _{OPR}	-10~+55	°C
Storage Temp.	T _{STR}	-20~+75	°C

- Electrical and Mechanical Specification

Under T_A=25°C , VCC=+9V unless specified

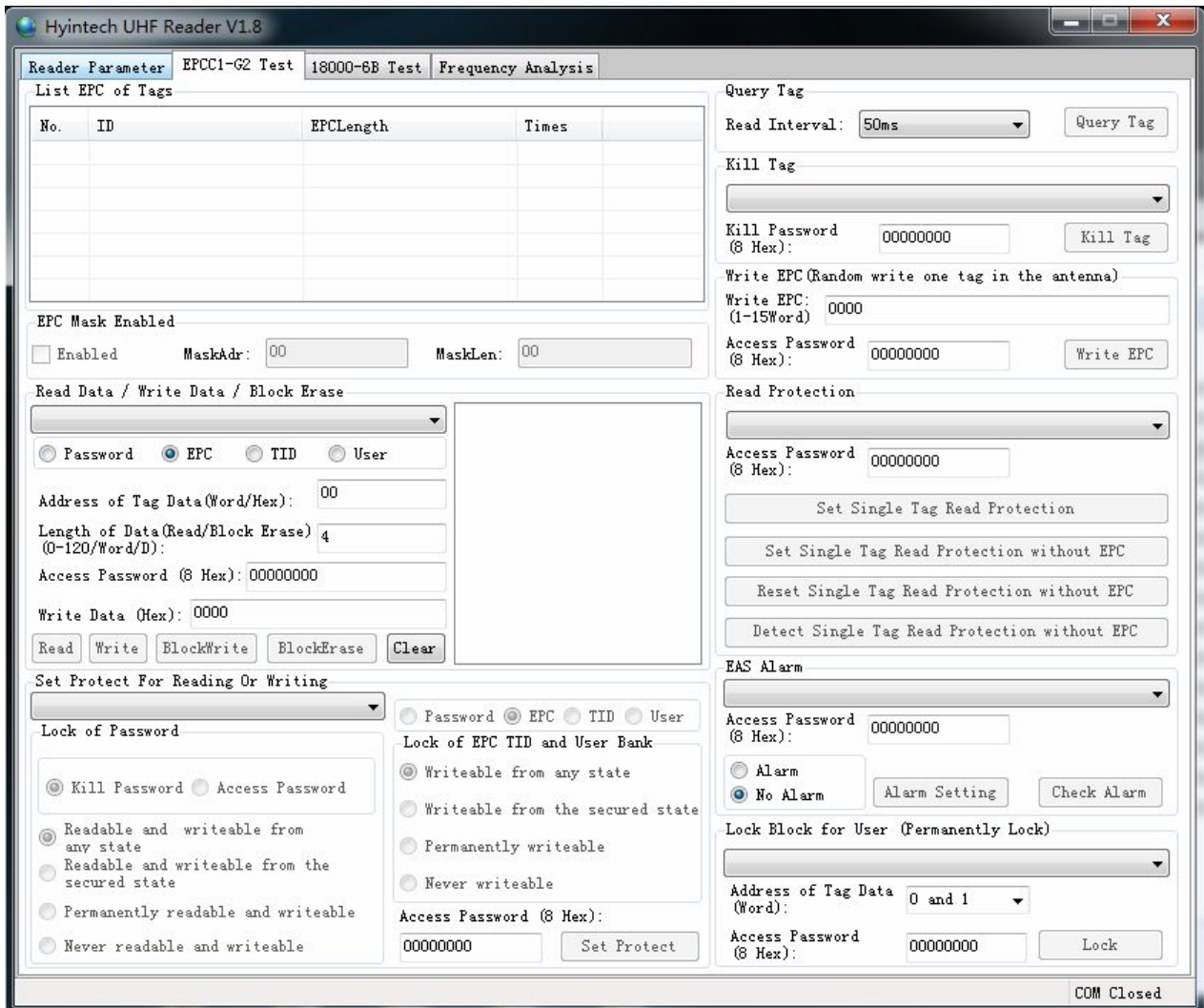
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	8	9	12	V
Current Dissipation	I _C		350	650	mA
Frequency	F _{REQ}	860		928	MHz

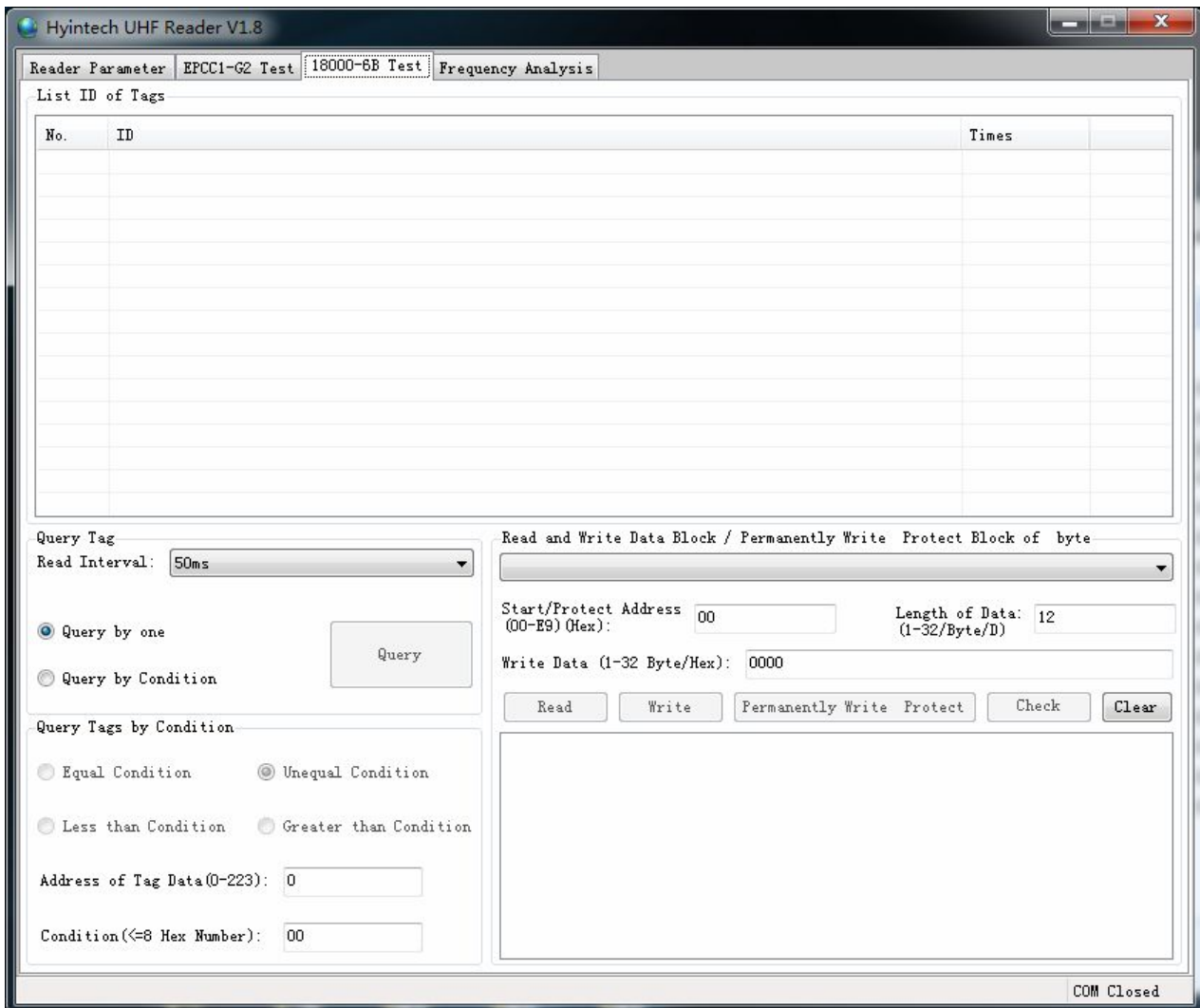
Interface

Item	Comment
Red	+9V
Black	GND
Yellow	Wiegand DATA0
Blue	Wiegand DATA1
Purple	RS485 R+
Orange	RS485 R-
Brown	GND
White	RS232 RXD
Green	RS232 TXD
Grey	Trigger input (TTL level)

DEMO SOFTWARE

SDK Include Full Demo Source Code, and full Manuals. Any further development could develop easily based on it. Any Technical Problem during your application and development, could consult our professional engineer team. Free Engineering Consultancy is one of our Outstanding After Service. Our Professional Engineer with rich experience on deployment will leave you guidance and instruction, solving your technical problem on programming.





Hyintech Team

Supply You Best Products,

Free Detailed Manual and SDK

Most Professional Technical Support

Be Your Best Friend and Loyal Long Term Partner.

More Detail Please visit Our website www.hyintech.com