

HYINTECH

HYB505U

Desktop UHF RFID Reader&Writer

USB Interface



Size: 105mmx70mmx11mm

OEM, No Logo on Product is Available

General Description

HYB505U is a high performance Multiple Protocol UHF RFID 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, attendance system, 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 10dbm(adjustable);
- No external power source needed;
- Built-in antenna with effect distance up to 200mm*;
- Support USB1.1 interface with VSP(Virtual Serial Port) or HID mode;
- Slim outline;
- Provide SDK and demo software to facilitate further development.

* Effective distance depends on protocol, tag and environment.

CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	6	V
Operating Temp.	T _{OPR}	-10~+60	°C
Storage Temp.	T _{STR}	-25~+80	°C

- Electrical and Mechanical Specification

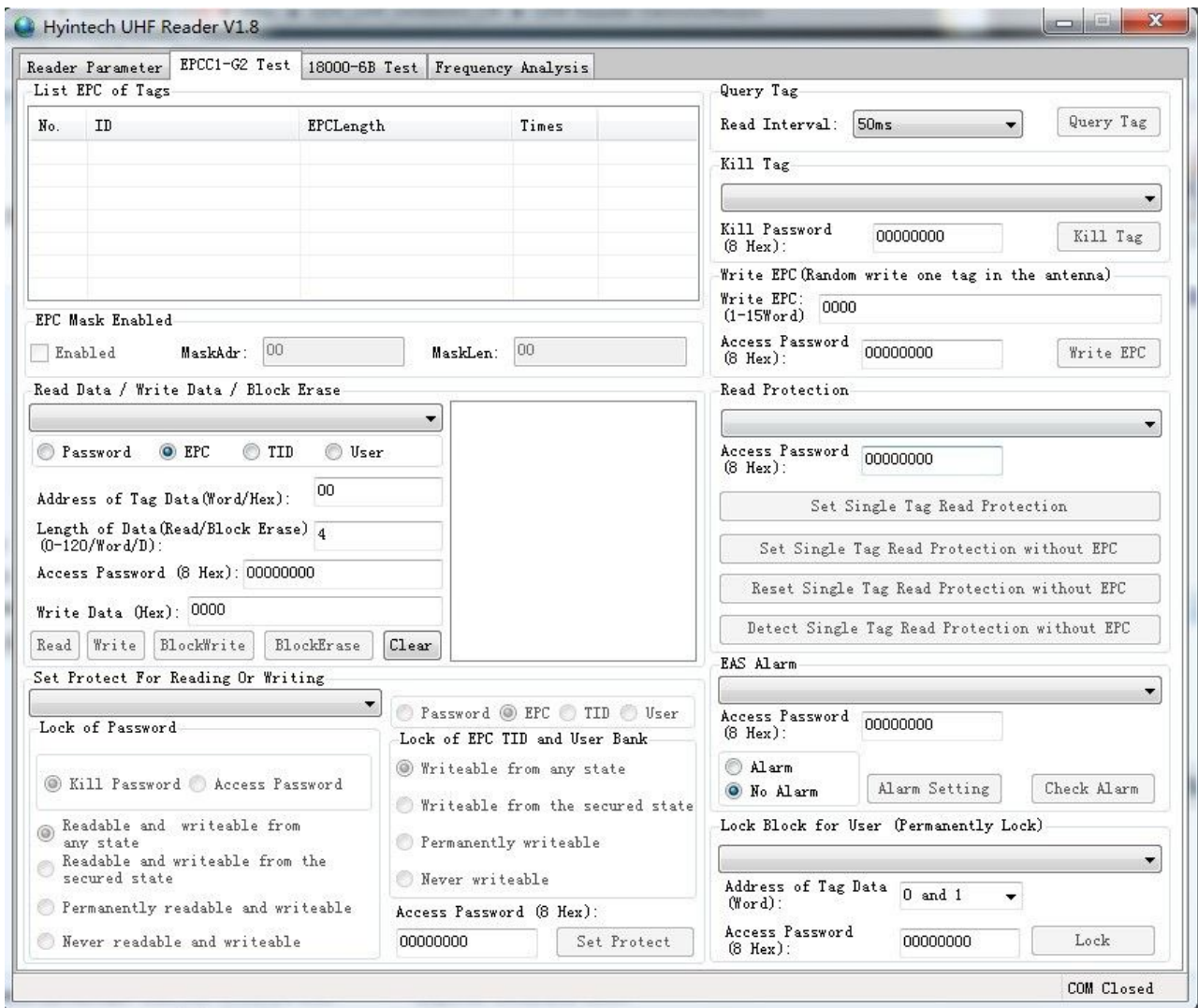
Under T_A=25°C, VCC=+5V unless specified

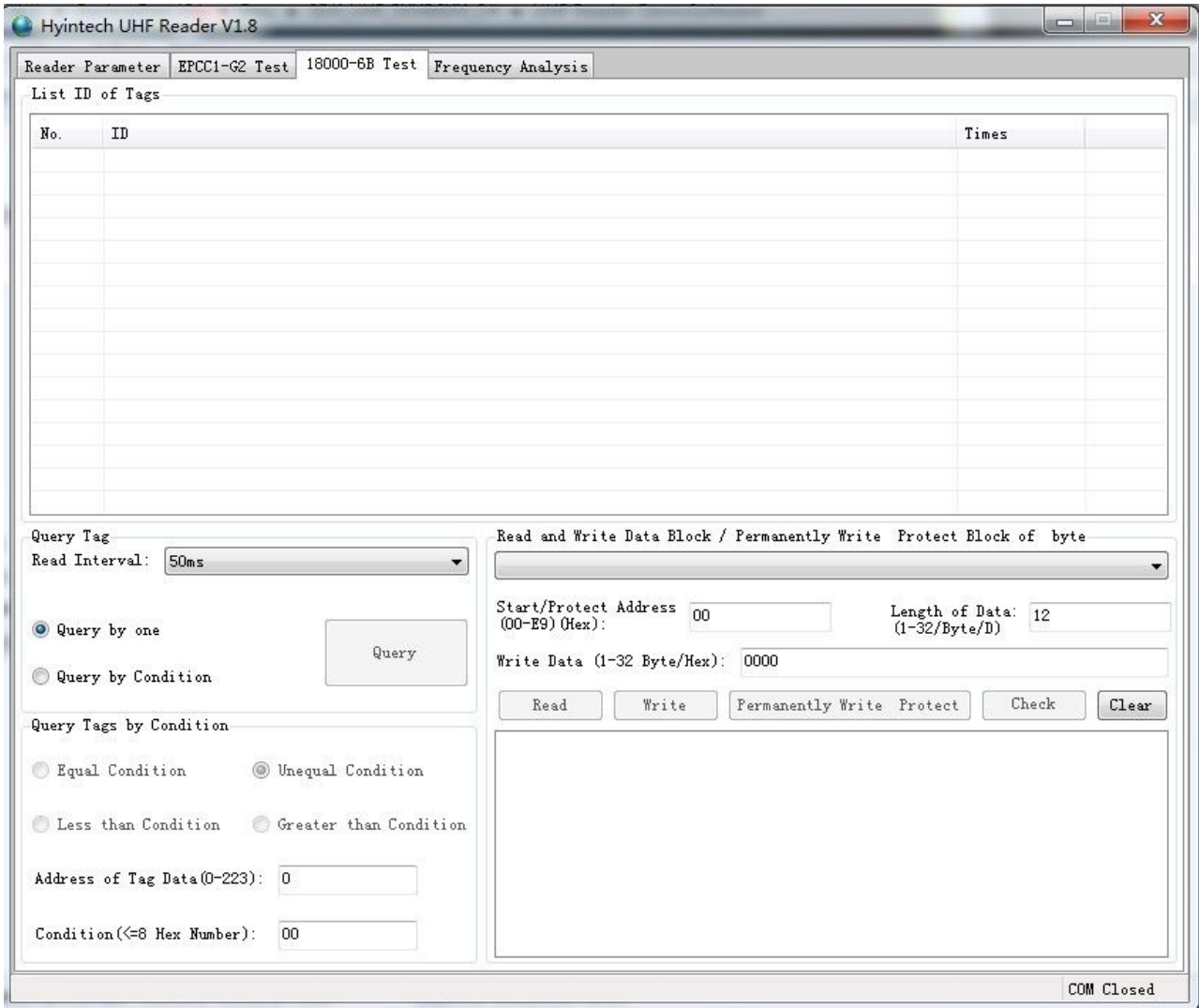
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	4.5	5	5.5	V
Current Dissipation	I _C		120	200	mA
Frequency	F _{REQ}	860		928	MHz
Effective Distance	Dis	0	100	200	mm

* Effective distance depends on protocol, tag and environment.

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