



STA IR0107 UHF Desktop Reader

GENERAL DESCRIPTION

STA IR0107 is a high performance UHF RFID reader. It is designed upon dedicated RFID Engine ASIC with 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

- Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;
- 902~928MHz d(frequency customization optional);
- FHSS or Fix Frequency transmission;
- Effective range from 10cm~1m ;
- Weight: 400g;
- Size: 160*110*35mm;
- Low power dissipation,single +9 DC power supply;
- Support RS232,RS485,Wiegand,TCP/IP etc;



Electrical Specification

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	16	V
Operating Temp	T _{OPR}	-10~+60	°C
Storage Temp	T _{STR}	-25~+80	°C

Specification

Besides the special instruction, Specifications from T_A=25°C 及 VCC=+9V working condition :

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	8	9	12	V
Current dissipation	I _C		350	650	mA
Frequency*	F _{REQ}	902		928	MHz
Effective range *	DIS	10		100	cm



Smarter... Faster... Higher...
STALLION GROUP
 INDIA | UAE | QATAR | OMAN

STALLION SYSTEMS AND SOLUTIONS PVT. LTD.

Ph: 0484 2314592 Email : marketing@stallionindia.com

Branches : Mumbai | Delhi | Bangalore | Ahmedabad | Hyderabad | Chennai | Kolkatta | Kochi
 Pune | Silvasa | Chandigarh | Trivandrum | Alleppey | Thrissur | Calicut | Kannur

MIDDLE EAST

STALLION SYSTEMS FZE, UAE | STALLION LABEL INDUSTRIES LLC, UAE | GLOBAL STALLION SYSTEMS WLL, QATAR | STALLION SYSTEMS LLC, OMAN



www.stallionglobal.com
 An ISO 9001: 2015
 Certified Company

BARCODE | RFID | AUTOMATION | POS | SOFTWARE | CONSUMABLES