

Dual Protocol HF Tag Reader



Model: LDF-R7036S

Size: 123mmx94mmx29mm

Weight: 144g

GENERAL DESCRIPTION

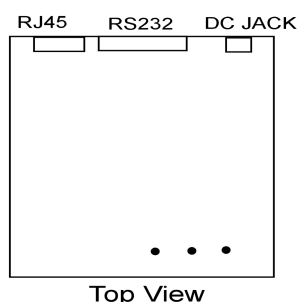
LDF-R7036S is a high performance Dual Protocol HF tag reader supporting ISO/IEC15693, ISO14443TypeA/TypeB. It is designed upon fully self-intellectual property and supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as personnel identification, conference attendance system, access control, anti-counterfeit and industrial production process control system.

FEATURES

- Support mainstream ISO/IEC15693, ISO14443TypeA/TypeB protocol tag (TI, PHILIPS, ST, INFINEON, FUJITSU, EM...);
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 100mm *;
- Support Transparent Command operation^①;
- Low power dissipation design with single DC+12V power source needed;
- Support TCP/IP and RS232 interface and provide DLL and demonstration software to facilitate development;
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^①Transparent Command Operation: It is an advanced feature designed to support tag's future functions and different chip vendors' customized tag functions.

INTERFACE



CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	12	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=+12V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	11.5	12	15	V
Current Dissipation	I _C		150	200	mA
Frequency	F _{REQ}		13.56		MHz
Effective Distance*	DIS	0	80	100	mm

*Effective distance depends on tag and working environment.

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

2. Leadercolor reserves the right to the final interpretation of the above terms.