

## UHF RFID USB Reader/Writer (LJYZN-105)



Item No:LJYZN-105

Item Size:105\*70\*11mm

Net Weight: 60g

LJYZN-105 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 UHF EPC Gen2(ISO18000-6C), ISO18000-6B protocol tags;
- Advanced tag processing algorithm, high identification rate;
- Built-in antenna with effective distance up to 100mm;
- Low power dissipation design;
- USB interface to get power from computer
- Provide DLL and Demonstration Software Source code to facilitate further development;

### CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	5	V
Operating Temp.	T <sub>OPR</sub>	-20~+60	°C
Storage Temp.	T <sub>STR</sub>	-25~+70	°C

- Electrical and Mechanical Specification

Under  $T_A=25^{\circ}\text{C}$ ,  $V_{CC}=+5\text{V}$  unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	3.3	5	5.5	V
Current Dissipation	$I_c$		90	150	mA
Frequency	$F_{REQ}$	902		928	MHz
Effective Distance *	Dis	0	100	150	mm

\* Effective distance depends on protocol, tag and environment