

Description:

DSPL RFID Desktop Reader Model: DS-UTS, is provide the Standalone UHF Gen2 RFID Reader/Writer is designed for the desktop. It is compatible with both EPC Class1 GEN 1 and GEN 2 Protocols operating in the UHF 860-960 MHz band, supporting both North America and the EU standards. It is a high-performance UHF Desktop 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, and anti-counterfeit and industrial production process control system. It provides the required functionalities by integrating with our desktop application software i.e., tagging etc.

Features:

- Self-intellectual property
- FHSS or Fix Frequency transmission
- Low-power design, USB direct power supply
- Support response (interactive) work mode and active mode of operation
- Provide DLL and Demonstration Software Source code to facilitate further development



Technical Specifications:

Technology / Frequency	UHF / 860 ~ 960 MHz. (Global)
Protocol	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
Communications Interface	Ethernet , RS232, Optional Wiegand
RF Power Output	0~30 dB (adjustable through the software)
Read Write Distance	0 ~ 50 cm
Dimensions (LWH) in mm	164.2 x 80 x 24.3 mm
Housing	ABS
Power Requirement	DC +5 V (< 3 A)
Antenna Compatibility	Built in (7 dBi)
Antenna Connection	None required
Humidity	5% to 80% non-condensing
Operating Temperature	-20 °C~+ 80 °C
Storage Temperature	-40 °C to 85 °C
Transponder Compatibility	EPC Class1 GEN1 and GEN2
Weight	500g

APPLICATION AREA

