



# RFID TRAINER

MODEL - RFID100

This trainer has been designed with a view to provide practical and experimental knowledge of Radio Frequency Identification (RFID).



## FEATURES

- \* High performance RFID scanner for use in commercial and industrial applications
- \* It can be used in a continuous read mode or pull the trigger to identify multiple RFID tags, without contact or line of sight, at distances up to 14cm.
- \* It provide full read and write support for industry standard 13.56MHz RFID tags and smart labels including ISO-15693 and Tag-IT.
- \* This RFID Reader comes with a built-in RS-232 or USB interface for easy connection to a host.
- \* A set of developer tools, device drivers and software libraries are available for quick, easy integration with your existing systems.
- \* You can use this handheld reader for retail, POS (point of sale), inventory, ticketing, library, shop floor, shipping and receiving. Our readers are cost-effective, lightweight and durable.
- \* Applications are: • Logistics • Transport • Ticketing • Identification • Asset Tracking

## SPECIFICATIONS

Part	RFID Readers
Operating Frequency	13.56 MHz
RF Power	Max 200 mW
Read Range	14 cm with credit card size tag
Antenna bandwidth	1MHz @ -3dB
Antenna Impedance	50 Ohm @ 13.56 MHz
Tag Compatibility	ISO15693, Tag-IT
Communication Interface	RS232 or USB
Host Data rate	9600, 19200, 57600 or 115200 N, 8, 1
Operating Temperature	-20°C to +55°C (including self-generated heat)
Storage Temperature	-40°C to +80°C

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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