



RFID TRAINER

MODEL - RFID101

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



SPECIFICATIONS

1. Arduino Uno Board
 2. 20 X 4 LCD Display-JHD204A
 3. RF ID Sensor
 4. Audio Buzzer
 5. Programming Push switches
 6. Read Range : 14 cm with credit card size Tag.
 7. Communication Interface : USB
 8. Applications : Logistics, Transport, Ticketing, Identification and Asset Tracking, retail, POS (point of sale), inventory, ticketing, library, shop floor, shipping and receiving
2. The complete circuit diagram should be is screen printed on component side of the PCB with circuit and Parts at the same place. The PCB with components on front side is fitted in elegant wooden box having lock and key arrangement. The acrylic cover is fitted on PCB to safeguard parts. It should work on 230 V AC Supply.
5. Printed Manuals with softcopy on Pen Drive is to be supplied.
6. Online manual and Library, Books, Charts, PPT, and Software is to be provided.
7. **Accessories**
1. Practical Manual : 1 No.
 2. Required USB Cable : 1 No.
 3. Jumper wires : 20 Nos.
 4. Software and Driver CD : 1 No.
 5. E-Books for RFID Subject : 10 Nos. in PDF Format
 6. Mp4 Video Class for RFID Subject : 40 Nos

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767648/ 26767512
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: drluhar@gmail.com
Web : www.sigmatrainers.com

Dealer:-

EXPERIMENTS

1. To Study the Block Diagram and Working principle of RFID
2. To Study Installation procedure
3. To configure and install RFID Software
4. To configure and install RFID Hardware
5. To Write RFID Data on different types of RFID tags
6. To Read RFID Data on different types of RFID tags
7. To Write RFID Data by different methods on RFID tag