SIGMA

INFRARED NETWORKING TRAINER

MODEL - IRDA100

This trainer has been designed with a view to provide theoretical and practical knowledge of IRDA (Infrared) Wireless Networking.

SPECIFICATIONS

Infra Red Hard wares (2 Nos.)

1.	Standard	:	Infra Red
2.	Frequency Band	:	38 KHz
3.	Working Distance	:	Up to 20 feet in open space
4.	LED indicator	:	Data transfer
5.	COM1 Adapter	:	RS232- compliant

EXPERIMENTS

1. To understand theory of Infra Red technology
2. To understand Infra Red Protocols
3. To understand different types of Infra Red Networks
4. To study different types of Infra Red devices
5. To study Infra Red adaptor and interfacing methods.
6. To study Installation procedure
7. To configure and install Infra Red devices - IRQ, I/O port address, Memory address
8. To install Infra Red Software
9. To test Infra Red installation
10. To connect two computers through Infra Red and transfer data between them.
11. To demonstrate and understand different types of faults

Note: - Two Computer systems (Pentium IV 1.5 Ghz, 80 GB HD, 128 MB RAM) with Windows XP are required to Operate this trainer.

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