

Digital Microwave Radio

SRD_IDU11_16E1



Indoor Unit Specifications:

❖ Electrical Specifications

➤ E1 Line Interface Specs:

- Traffic Capacity : From 2 Up to 16 E1
- Physical Interface : G.703
- Detection and Generation of : AIS and Loss condition
- Internal Termination : 75Ω or 120Ω With electronic switch controlled by NMS software
- Dual or Quad 802.11 Ethernet Port
- Configurable Time slots for data and voice

➤ Ethernet Interface:

- Ethernet Bridge Transceiver Minimum 2 Mb/s to Maximum 32 Mb/s (802.11 protocol Supported)
- From Dual Port Up to Quad Port 10/100 Base-T Ethernet Physical Layer Transceiver
- Auto MDIX for Detection of Ethernet Cable Configuration (straight and Crossover)
- Software Configurable Flexible bandwidth From maximum 40 Mbps down to Minimum 2Mbps.
- Built in SNMP Ver3 Management System

➤ **Auxiliary Input port:**

- Isolated and Voltage Protected Relay Control port For Applying some command from base systems
- Isolated Input Port For Get Some Environmental Alarms
- 2*10/100 Base-T port form NMS Connection and Switching the NMS Traffic Over Layer2 Switch For Cascading The Units in One Place
- Null modem Port in use NMS System Over Telephone line

➤ **Interconnection cable:**

- Dual Coaxial Cable (Main & Stby)
- maximum Cable Length:100 m (50 ohm)

➤ **Power Supply :**

- Single -48v Dc input Power supply With -36V Dc to -72V DC Range
- 17Watt power Consumption

➤ **1+1 Hot Standby Features:**

- TX Switch Time Delay <20 msec
- RX Switch Time Delay <10 msec

❖ **Mechanical Specifications**

- Dimensions 428mm * 44mm * 265mm
- Weight 4.5Kg