



CDMA-Fixed Wireless Terminal



CDMA-FWTS

The Fixed Wireless Terminal has been designed to operate on the latest digital mobile communications technology, Code Division Multiple Access (CDMA). This CDMA digital technology has greatly enhanced voice clarity and can provide various advanced features. The terminal enables the normal operation and direct connection of standard telephone equipment into the cellular network.

Salient features:

- Perfect look on the desk or wall (with wall-mount kit) for office/home
- Adjustable Volume Control, setting for Optimal volume
- Excellent voice quality through QCELP EVRC vocoder
- A variety of Audible sounds, LED/LCD Display functions (optional)
- Audio & Visual Alarm indications for Low Battery, Air Link Cut-off
- Interface to Standard Desk-top PC for Data Transmission & FAX services
- Authentication key function preventing Phone Number cloning
- Caller Identification facility
- G3-Fax Support (optional) to be compatible for Analog FAX service
- Pay-phone Interface (optional)

Technical Features:

- Tx frequency **824 ~ 849MHz** and Rx frequency **869 ~ 894MHz**
- Channel band width **1.25MHz**
- Access method **DS/CDMA** (direct sequence/code division multiple access)
- Voice coding **8Kbps EVRC / 13kbps QCELP**
- Maximum transmission Power **23dBm ~ 30dBm**
- Rx Sensitivity **-104dBm @ 0.5% FER**
- Dimensions **230 x 175 x 60** (mm) and Weight **776 gm** (with battery)
- Type of interfaces and connectors provided
 - DC input Single pin round connector
 - Hand set connector & Fax port - RJ-11
 - Programming Port UART
 - Antenna Port TNC - Female
- Antenna: Indoor(whip) Gain: **1.5dBi** or Outdoor(Patch Panel) Gain: **12dBi**
- AC-DC adaptor Input: **90 ~ 420 VAC, 47~63Hz**; Output: **12V/2 Amp.**
- Battery **Ni-MH** (rechargeable); Capacity: **1800 mAh**; Voltage: **8.4V**
- Three LEDs indicating the status of the unit