

# DS-300, DS-250 & DS-350

## Mobile WiMAX Indoor Modem

*Quick and Simple Solution To Start Using Broadband*



### Features

- IEEE 802.16e Standard Compliant (Mobile WiMAX)
- WiMAX Wave 2 Compliant
- TDD OFDMA
- 5, 8.75, 10MHz Channel Bandwidth
- MIMO Matrix A and B
- Up to 27dBm Transmission Power
- 6dBi Antenna Gain
- Up to 30Mbps Throughput\*
- One 10/100 Base-T LAN
- IP Router with Security
- 5 Classes of Level QoS Support
- Supports TR069 Protocol for Device Management
- Auto Provisioning
- Over-the-air Firmware Upgrade

\* Subject to environmental conditions

### Wireless Broadband

The DS series of indoor modems enable WiMAX Operators to deliver fixed wireless broadband to residential and enterprise users. It features high transmission output power and high gain MIMO antenna to tackle the issue of insufficient indoor coverage. With this device, WiMAX Operators are able to capture the fixed broadband subscriber base and generate revenue without the need for last mile infrastructure.

### Plug and Play

This device is designed to self-install when plugged in for the first time. The Receiving Signal Strength Indicator LED will guide users to position the modem correctly to receive the best signal strength. This reduces the need for onsite installation services which contributes to high maintenance and support overheads.

### QoS for Optimized Bandwidth

The 802.16e standard employs 5 levels of data packet classification for services such as voice, video streaming, gaming and enterprise leased line. Hence, real time packets from applications such as a telephone call are given higher priority. By classifying applications into different QoS levels, bandwidth can be efficiently utilized while the quality of each service is guaranteed.

### Remote Management

The DS series is built with the TR069 interface for a standard configuration system to facilitate batch remote configuration and over-the-air firmware updates. Additionally, remote troubleshooting interfaces are available via telnet and the Web to assist second tier support personnel. This relieves Operators from heavy maintenance efforts. The DS series has been tested and approved by WiMAX Operators. In fact, many units have been deployed in the market and subscribers are impressed with its reliable and superior performance.



Enjoy WiMAX connectivity with the DS Series Mobile WiMAX Indoor Modem

