

## Carrier-Grade Performance

- 802.16-2004 (802.16d) WiMAX Standard Compliant
- Robust OFDM Technology with 256-FFT
- High Performance Radio with up to 20dBm Output Power
- Aggregated Throughput of up to 20Mbps with Asymmetrical Bandwidth Control Per Subscriber Unit
- Full Service-Level QoS including UGS, rtPS, nrtPS, and BE
- Built-in GPS Receiver for Multi-Sector Synchronization



**COMMUNICATE WITHOUT BOUNDARIES**

## All-in-One Versatility

- Full Spectrum Support for Licensed 3.5GHz and Lightly-Licensed 3.65GHz Bands, and License-Free 5.8GHz
- Cost-Effective Outdoor Single-Sector WiMAX Pico Base Stations
- Full Range of All-in-One Indoor and Outdoor Subscriber Units with N-Type Connector or Integrated Antenna
- AirSync™ Element Management System (EMS) for Centralized Network Monitoring and Control

Machined and Powder-Coated Aluminum Back Panel and Heat Sink Block with Stainless PEM® Hardware

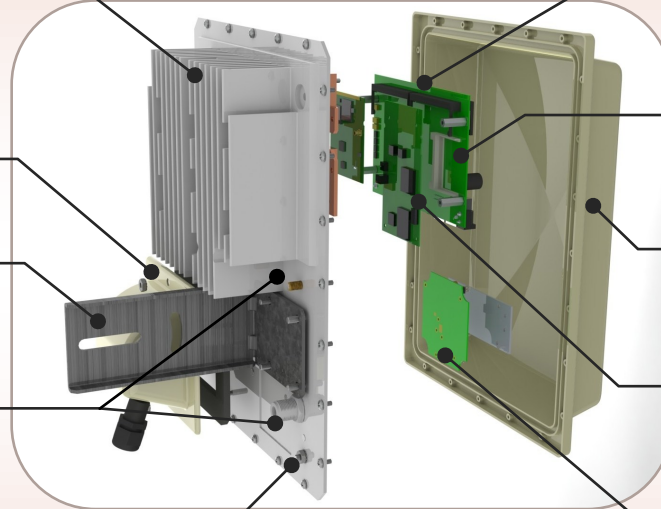
Galvanized Heavy-Duty Pole-Mounting Hardware

Watertight Ethernet Boot Cover, Gasket, and Strain-Relief

Small Form-Factor with Standard N-Type and SMA Connectors for Base Station and GPS Antennas

Built-in Grounding Lug and Surge Protection

### WiMAX Pico Base Station



High Performance Motherboard with 533MHz Processor, 64MB SDRAM, and 16MB Flash

High Performance Radio with up to 64-QAM 3/4 Modulation and 5 bits/sec/Hz Spectral Efficiency

Automotive-Grade Weather-Resistant Radome Cover and Gasket

Built-in High-Sensitivity GPS Receiver with High Accuracy 1pps Synchronization Signal

PoE-Enabled 10/100Base-T Ethernet Port that Can Support 24VDC or -48VDC Operation

## Long-Term Reliability

- Weatherproof IP67 and NEMA Type 4X Enclosures with Machine Inserted Stainless PEM® Fasteners
- Rugged Outdoor Design for Handling Extreme Temperatures from -35°C to +50°C
- Dual-Flash Image for Fail-Safe Remote Firmware Upgrades
- Built-in Surge Protection for up to 2200 Volts

*“the Tranzeo Value”*

**TRANZEO WIRELESS TECHNOLOGIES INC.**

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## Best-in-Class Quality

- Industry-Leading 3-Year Parts and Labour Warranty on Subscriber Units and 1-Year on Pico Base Stations
- Best-in-Class Technical Support including Toll-Free Telephone, Email, and Online Live Chat
- Designed and Manufactured at Tranzeo’s Canadian Leading-Edge Engineering and Manufacturing Facilities
- All Products are Compliance Tested and Certified Including FCC, Industry Canada, and CE