

New BreezeNET® B100

Breaking the Speed Limit

- Breakthrough speeds up to 108Mbps
- Robust, secure bridging and point to point backhaul of WiMAX networks
- Increased performance for triple play services: video, voice and data
- Improved security with optional FIPS 197 certified encryption mode
- Ideal for homeland security, public safety and municipal applications
 - Video surveillance and traffic monitoring
 - Building to building connectivity
 - Leased line (E1/T1) replacement
 - Remote site access

BreezeNET® B100





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Breakthrough Speeds

BreezeNET B100 provides both 54Mbps and a 108Mbps turbo mode—making it the solution of choice with unmatched throughput for high-capacity, point-to-point wireless applications.

Real-time Applications

- Enhanced processing with up to 40,000 packets per second with only 64 byte packets
- Improved air efficiency with packet concatenation
- Packet prioritization for real time applications
- Low latency delays of 5-7ms
- Support for up to 1,000 toll quality (MOS 4.0) VoIP calls
- Support for up to 4 x E1/T1 interfaces using third party converters with residual capacity for best effort data

Enhanced Security

Additional AES-based encryption available through optional, licensed support of FIPS 197.

Improved Operations

Reduces operating costs by using simplified inventory management with a “unit type change” capability, and supports easier installation and configuration changes through automatic sub-band recognition and uniform transmit power parameters.

Joining popular BreezeNET B14 and BreezeNET B28 products, BreezeNET B100 incorporates robust outdoor and OFDM technologies to provide broadband connections for an array of applications, including in non-line-of-sight conditions. The B100 is currently available in 5.4 and 5.8 GHz.

