



Secure Broadband Access Beyond the Line-of-Sight

Product Highlights

In designing the BreezeACCESS 4900 we leveraged both our more than ten years of experience deploying wireless broadband systems and our long history developing and implementing OFDM technology to overcome NLOS challenges. The results is the utmost in reliable, secure communications in the 4.9GHz band. Capable of being deployed in both point-to-point and point-to-multipoint configurations, and able to coexist with other systems in mixed spectrum architectures, the ultra-flexibility of the 4900 enables each network to be tailored in its configuration to efficiently handle a multitude of applications.

BreezeACCESS 4900 is now the solution of choice for public safety, medical emergency, and government security and surveillance applications offering the industry's richest features:

- Spectrally efficient, OFDM technology to support high capacity, non-line-of-sight connectivity
- Always-on adaptive modulation, automatic transmit power control (ATPC), and automatic distance learning for optimal link transmission
- Complies with the high power mask requirements of 4.9 GHz FCC regulation for better coverage with more clients and better performance
- Supports both 5 and 10MHz channel options for flexible network planning for interference avoidance and increased network capacity

- Mixed spectrum integration options for multi-band layering, including Wi-Fi integration enabling Commercial of the shelf devices at the network edge
- Available 100% environmental outdoor form factor with ports for integration of other devices, such as video cameras, traffic systems, etc.
- Advanced extensive access suite, including quality of service (QoS), security and extensive management
- Best access unit (AU) for fast and simple customer premises equipment (CPE) installation-CPE scans the entire frequency band and identifies available AUs, optimizes the link with best AU selection, and offers a redundancy mechanism that automatically resynchronizes with next AU on the list
- 10 LEDs SNR bar display on outdoor unit for fast antenna alignment without the need for external tools or monitors
- Superior management options using SNMP, the user-friendly BreezeCONFIG installation and monitoring utility, and the AlvariSTAR carrier grade NMS platform. Remote software upgrade and version control as well as remote configurations upload and download



