



Simply Connect

Alvarion® end user devices



Plug and Play Mobile WiMAX™ Field proven Plug and Play
OPEN WiMAX Video Voice Anywhere OPEN WiMAX
Data Self-install Simply connect Anytime
Anytime Data

Delivering the WiMAX™ Promise

WiMAX is leading the evolution towards fixed, nomadic and mobile wireless broadband for business and home subscribers. Alvarion's end-to-end WiMAX solutions meet subscriber demands, and make the path to WiMAX 16e deployment even easier with a feature-rich end user device portfolio.

Field-proven, Value Added Portfolio

As the industry's leading WiMAX solution vendor, Alvarion's award-winning end user devices are field proven – with over 3.5 million wireless devices deployed in over 150 countries. Alvarion's extensive portfolio of end user devices offers reliability and performance with capabilities and features that are a value added differentiator in highly competitive markets.

Complete Product Line for Every Need

Whether for mobile, self-install indoor or long-range outdoor deployments, Alvarion is a veritable one-stop-shop for interoperable, easy-to-use devices. These devices support several frequencies and configurations to deliver high quality voice, video and data services, and WiFi access.

Complementing an End-to-End Solution

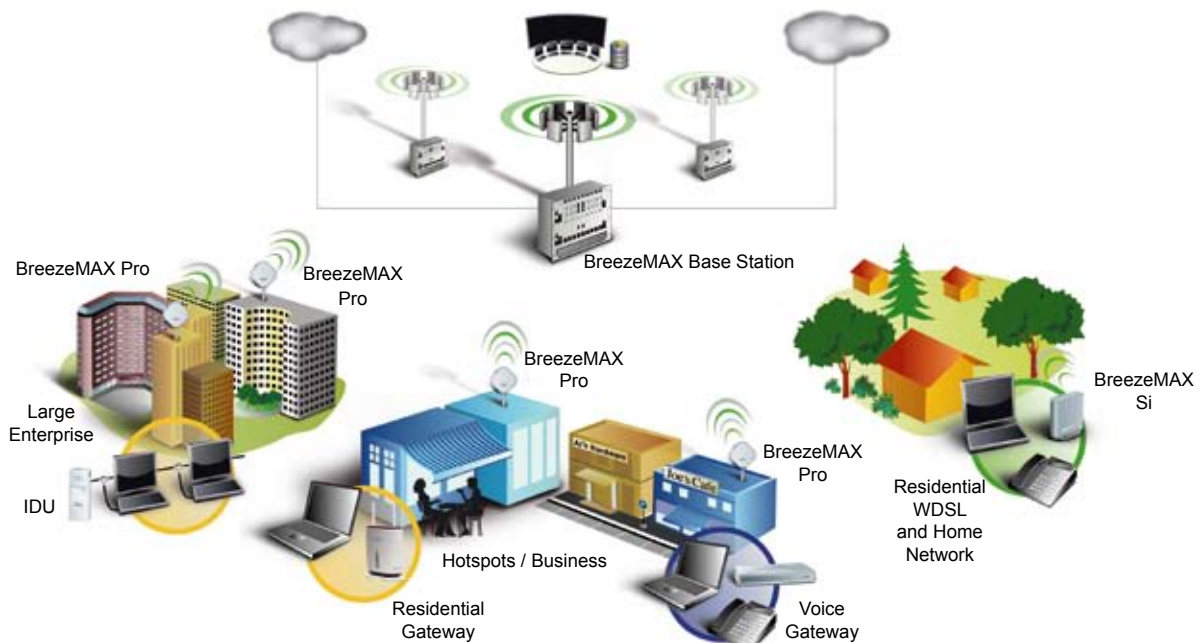
Packed with a rich feature set, Alvarion's standard-compliant end user devices complement an end-to-end WiMAX solution—encompassing network equipment, consumer electronics, and service offerings, for a compelling end-user experience. The total solution of RAN, core network elements and end user devices leverage the strength of one another for superior performance, optimal coverage, high capacity and unmatched throughput that enable reduced Total Cost of Ownership (TCO).

OPEN WiMAX and Unmatched Interoperability

Alvarion end user devices are part of an OPEN WiMAX ecosystem and are based on certified leading WiMAX chipsets. This enables operators to extend their WiMAX offerings and speeds up Interoperability Testing (IOT) for swift rollout of new devices which promotes both a rich and continuously growing WiMAX ecosystem and application diversity.

End User Device Portfolio Highlights

- Full feature-rich product portfolio supporting a range of deployment scenarios and optimized for data, voice and video services
- OPEN WiMAX architecture enabling smooth introduction of new devices
- One-stop-shop for a complete, end-to-end solution
- Superior performance utilizing advanced technologies including AAS, Hybrid ARQ, Sub Channelization and Rx sensitivity for reduced TCO
- Flexibility to answer specific needs, adjust to new requirements and support a multitude of frequencies
- Easy plug and play installation and operation with zero touch provisioning
- Non-Line-of-Sight (NLOS) coverage for enhanced performance
- Remote management with the StarACS TR-069-compliant CPE management system



Complete Portfolio of End User Devices



BreezeMAX® Mobile

BreezeMAX mobile devices include the BreezeMAX USB 200 WiMAX Modem and the BreezeMAX PC Card – compact, small factor wireless modems designed for fixed and mobile plug and play operation with self provisioning capabilities for mobile applications. Equipped with advanced handoff algorithms, these mobile devices enable laptop and desktop users to connect to WiMAX networks, anytime, anywhere.



BreezeMAX Si Indoor End User Devices

Compact, nomadic and a single-box device, the BreezeMAX Si is deployed indoors and is designed for plug and play operation with self provisioning capabilities. BreezeMAX Si is suitable for residential and SOHO market segments, supports multiple networking and voice interfaces and includes switching antenna algorithm for increased coverage and capacity.



BreezeMAX PRO Outdoor End User Devices

Serving as an outdoor access unit, BreezeMAX PRO contains a modem, radio and integral or external, high-gain flat antenna for extended coverage particularly suitable for rural use. Available for multiple configurations and applications such as data, voice and WiFi, BreezeMAX PRO supports line-of-sight installations which is ideal for corporate use.



Voice and Networking Gateways

BreezeMAX Si-V

BreezeMAX Si-V offers an integrated gateway solution for data and voice services with a docking station that carries a self-install unit and voice gateway. BreezeMAX Si-V also includes optional battery backup, for ensuring service continuity during power failures.



BreezeMAX IDU-DV

BreezeMAX IDU-DV is a compact, easy-to-install indoor unit which provides a voice gateway with outdoor unit power feeding functionality. BreezeMAX IDU-DV is equipped with battery backup for ensuring service continuity during power failures.



Voice Gateway

The broadband Voice Gateway provides integrated voice and data services for residential and SOHO users and presents an ideal single-box solution for operators seeking to serve combined broadband voice and data services.



Networking Gateway

The Networking Gateway enables Alvarion's broadband wireless access systems to transparently provide broadband services to multiple subscribers. The four 10/100Base-T Ethernet ports connect to the user's data equipment, providing comprehensive routing functionality, while compatible wireless adapters can connect to the unit via its built-in wireless LAN port to function as an access point.

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Category	Model	Type	Interface	Frequency (GHz)	Description
Mobile	BreezeMAX PC Card	PC card	10/100Base-T ETH	2.3, 2.5, 3.5	WiMAX PC card adaptor that fits any laptop.
	BreezeMAX USB 200	USB dongle	10/100Base-T ETH	2.3, 2.5, 3.5	WiMAX USB dongle that fits any laptop/desktop with USB 1.1/2.0 interface.
Indoor Self-install	BreezeMAX Si 1000	CPE	10/100Base-T ETH	2.3, 2.3 WCS, 2.5, 3.3, 3.5, 3.6	WiMAX indoor unit with advanced antenna system.
	BreezeMAX Si 2000	Residential Gateway (RGW)	Up to 4 data, 2 voice, WiFi	2.3, 2.5, 3.5	WiMAX indoor unit with integrated networking and voice gateways.
	BreezeMAX Si 3000*	CPE	10/100Base-T ETH	2.3, 2.5, 3.5	WiMAX indoor unit with MIMO Matrix B.
Outdoor	BreezeMAX PRO 1000	CPE	10/100Base-T ETH	2.3, 2.3 WCS, 2.5, 3.3, 3.5	WiMAX outdoor unit with integrated or external antenna.
	BreezeMAX PRO 2000	RGW	Up to 4 data, WiFi, voice	2.3, 2.5, 3.5	WiMAX outdoor unit with integrated networking and voice gateways.
	BreezeMAX PRO 3000*	CPE	10/100Base-T ETH	2.3, 2.5, 3.5	WiMAX outdoor unit with MIMO Matrix B.
Voice	VG -1V/2 VG 1D1V/1D2V	Integrated data and voice gateway	10/100Base-T ETH 1 or 2 Voice	NA	Connects to: BreezeMAX Si and BreezeMAX PRO.
	IDU-1D1V/ IDU 1D2 V	Integrated data and voice gateway	10/100Base-T ETH, 1 or 2 Voice	NA	Connects to BreezeMAX PRO and includes battery backup.
	Si-V1/2 Si-V 1D1V Si-V 1D2V	Integrated data and voice gateway	10/100Base-T ETH 1 or 2 Voice	NA	Connects to BreezeMAX Si and includes battery backup.
Networking Gateway	NGW	Networking gateway	4 10/100Base-T ETH,WiFi	NA	Broadband wireless gateway connects to BreezeMAX Si and BreezeMAX PRO.

* future



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