

Alvarion introduces BreezeCOMPACT:

super-fast wireless broadband in a small
box that's built for the next decade



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The Alvarion logo features a stylized green bird-like shape above the word "alvarion" in a bold, blue, lowercase sans-serif font. A registered trademark symbol (®) is located to the right of the word.
www.alvarion.com



BreezeCOMPACT

BreezeCOMPACT is a single box, all-outdoor, small footprint compact Base Station that offers just the right FIT. It's FIT for providing wireless broadband in fixed and mobile environments for both outdoor and indoor end-user devices. Its small form factor and cost-efficiency makes it a great FIT for budget-aware business environments.

It enables coverage and capacity extension in areas where multi-sector Macro BS is not required, it's a great FIT for complementing Macro deployments.

It is the right FIT for operators who seek the assured quality and reduced risks offered by Alvarion and its global, proven delivery track record.

The BreezeCOMPACT Base Station Solution

A single box, all-outdoor small footprint Compact Base Station:

- Enabling cost effective deployments in Fixed and Mobile environments for Outdoor/Indoor end user devices
- Complementing Macro deployments to enable coverage and capacity extension in areas where multi-sector Macro BS is not required
- Future-proof: LTE advanced ready

Operational highlights

- Software Defined Radio (SDR) 16e, 16e+, TD-LTE Advanced Ready
- Zero footprint – All outdoor compact form factor
- All-in-one: modem and radio
- Mature, field-proven, 4Motion™ technology
- Flexible mounting options including rooftops, walls, poles, and towers with front-mounted antenna (single installation point)
- Diverse external and attached antennas support

Technical highlights

- Beam Forming and 4th order diversity MIMO
- Dual Carrier and Dual Sector operation
- 5/7/10 MHz bandwidths (20MHz TD-LTE)
- 3.x GHz and 2.x GHz
- Data and GPS Chaining between sectors
- External and Embedded ASN-GW
- Full AlvariStar management suite
- PoE in/out power feed for BS/Backhaul
- GPS/1588 Sync

* General availability H1 2012.

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Specifications

Dimensions:

- 6 Liters

Weight:

- ~8 kg

Operating temperature:

- -40°C to 55°C

Operating humidity:

- 5%-95% non-condensing, weather protected

Power requirements:

- DC: 48VDC or PoE
- External converters for AC and DC
- Power consumption: 80-100W (specific to sector configuration)

Interfaces:

- 1x Primary 100/1000 (data/management)
 - 100/1000BT RJ-45
 - Or Optical GE Field Pluggable SFP
- Secondary (data/management):
 - 1 x RJ-45 for data; 10/100BT
 - PoE In or Out (backhaul feed)
- 2 x RJ-45 for GPS Sync In/Out
- 1 x -48VDC
- 4 x RF N Type – Antenna

Radio configuration:

• Sector Configuration:

- One Sector One Carrier 1S1C 4x4
- One Sector Two Carriers 1S2C 4x4
- Two Sectors One Carrier 2S1C 2x2
- 5/7/10MHz and 20 MHz (TD LTE)
- Transmit power:
 - 4x27dBm ETSI & FCC

• Frequency

- 3.3 – 3.8GHz in single form factor
- 2.x GHz – future



* General availability H1 2012. Subject to change.

Alvarion (NASDAQ:ALVR) is a global 4G communications leader with the industry's most extensive customer base, including hundreds of commercial 4G deployments. Alvarion's industry leading network solutions for broadband wireless technologies WiMAX, TD-LTE and WiFi, enable broadband applications for service providers and enterprises covering a variety of industries such as mobile broadband, residential and business broadband, utilities, municipalities and public safety agencies. Through an open network strategy, superior IP and OFDMA know-how, and ability to deploy large scale end-to-end turnkey networks, Alvarion is delivering the true 4G broadband experience today.

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It's all about keeping FIT



FIT for purpose

BreezeCOMPACT is highly capable

Right FIT

BreezeCOMPACT is for now and the future

Perfect FIT

BreezeCOMPACT is LTE Advanced ready

FIT in

BreezeCOMPACT is small in size

FIT the bill

BreezeCOMPACT is cost-efficient

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