



Product Excellence

Operational Highlights

- All-in-one modem and radio, in a single box
- Software Defined Radio (SDR) 16e, LTE & LTE-Advanced
- TD-LTE Bands 42,43
- Unlicensed Bands 5.x GHz & 3.65 GHz (US)
- 4Tx4Rx Radio
- Flexible mounting options: rooftops, walls & poles
- Diverse external & attached antenna support
- Low power consumption

Features Highlights

- Carrier aggregation
- Multi-User MIMO
- 4x4 MIMO
- Dual Sector
- Embedded EPC
- Spectrum Analyzer
- DCS (for unlicensed bands)

BreezeCOMPACT 1000



The BreezeCOMPACT1000 is Telrad's revolutionary software-defined base station that completely disrupts the economics of wireless broadband. From its future-proof ability to uptake dramatic capacity increases as LTE evolves, to its minimal footprint and outstanding performance and scalability, the BreezeCOMPACT 1000 has no peer in the market.

Small and elegant, yet rugged, the all-outdoor, high-capacity 4G broadband base station can be easily mounted on buildings, poles, rooftops, towers – in virtually any deployment scenario with superior NLOS (No Line of Sight) using best in class 4Tx4Rx Radio.

BreezeWAY 1010 - is an embedded EPC functionality on the BreezeCOMPACT hardware, suitable for distributed core architecture and capable of serving up to 500 connected subscribers. The combination of BreezeCOMPACT and BreezeWAY 1010 creates a unique LTE "network-in-a-box" solution.

Big value in a small package

Optimized Deployment Portfolio

The BreezeCOMPACT provides indoor and outdoor coverage for virtually any wireless ecosystem, including Line of Sight (Los), Near Los, No Line of Sight, and High Mobility/Dense Urban.

Product Specifications

BreezeCOMPACT 1000

Frequency	Band 42, 43 (3.3-3.8 GHz) 4.9-5.95 GHz
Radio Configuration	4TX x 4RX
Max Tx Power Per Port	30dBm (3.x GHz), 21dBm (5.x GHz)
Weight	8 kg 18 lbs
Dimensions (HxWxL)	310 x 165 x 240 mm 12.2 x 6.5 x 9.5 in
Power Consumption	100W
Primary Interfaces	1G - Copper (RJ-45) / Optical SFP 100M- Copper (RJ-45) GPS In/Chaining 48VDC
Standard Compliance	16e & TD LTE-Advanced

Small cell, high performance

- Small & ruggedized all-outdoor, high-capacity LTE base station
- Unique Software Defined Radio (SDR) - supporting 16e, LTE & LTE-Advanced
- Best TCO with outdoor CPEs in Rural / sub-urban deployment or dense urban indoor scenarios
- Superior NLOS (No Line of Sight) using best in class 4TX x 4RX Radio
- "Network-in-a-box" with BreezeWAY 1010 (Embedded EPC)

Telrad Networks is a global provider of innovative LTE telecom solutions, boasting over 280 4G deployments in 100 countries. Telrad stands at the forefront of the technology evolution of next-generation TD-LTE solutions in the sub-6 GHz market. Since 1951, the company has been a recognized pioneer in the telecom industry, facilitating the connectivity needs of millions of end-users through operators, ISPs and enterprises around the world.

For more, please visit telrad.com or email sales@telrad.com.



Compact Form Factor

BreezeCOMPACT is a Macro base station that packs superior performance into a small, single-box, small-footprint package. Never before has the 4G world seen such a revolutionary design - with an 8 kg weight, 30 km radius, and 20-minute (1-man) installation.



On-Target Deployment Scenarios

BreezeCOMPACT offers the right connectivity with the right coverage and capacity for any deployment scenario. This all-outdoor base station is optimized for fixed, nomadic and mobile wireless access. Whether on a rural water tower or mounted to a tall urban building, BreezeCOMPACT delivers LTE today and an evolution to LTE-Advanced.



Efficiency to the Max

BreezeCOMPACT maximizes cost and energy efficiency. A small footprint, low power consumption, and a quick, easy rollout make it the optimal choice for any deployment. Operators and ISPs of all sizes will benefit from reduced CAPEX and OPEX.

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Telrad 
We're on your wavelength.