



## 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 40 (2.3GHz), 41 (2.5GHz), 42(3.5GHz)
- 4Tx4Rx Radio
- Flexible mounting options: rooftops, walls & poles
- Diverse antenna support

### Feature Highlights

- Carrier aggregation
- Multi-User MIMO
- 4x4 MIMO
- Dual Sector
- Embedded EPC

# BreezeCOMPACT 3000



The BreezeCOMPACT 3000 is Telrad's revolutionary software-defined base station that completely disrupts the economics of broadband wireless. From its future-proof ability to uptake dramatic capacity increases as LTE evolves, to its small footprint and outstanding performance & scalability, the BreezeCOMPACT3000 has no peer in the market.

**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.

Best-in-Class Capacity and Coverage

### Optimized Deployment Portfolio

Offering best Indoor coverage with superior high power 4TXx4RX radio technology, this unit is ideal for fixed, high mobility, dense urban & mixed environments.

# Product Specifications

## BreezeCOMPACT 3000

<b>Frequency</b>	Band 40 (2.3 GHz), Band 41 (2.5GHz), Band 42 (3.5 GHz), 3.3 GHz & 3.475-3.7 GHz
<b>Radio Configuration</b>	4TX x 4RX
<b>Max Tx Power Per Port</b>	40 dBm
<b>Weight</b>	19 kg   42 lbs
<b>Dimensions (HxWxL)</b>	330 x 260 x 400 mm   13.0 x 10.2 x 15.8 in
<b>Power Consumption</b>	230W
<b>Primary Interfaces</b>	1G - Copper (RJ-45) / Optical SFP 100M- Copper (RJ-45) GPS In/Chaining 48VDC
<b>Standard Compliance</b>	16e & TD LTE-Advanced

## Best-in-Class Capacity and Coverage

- Ruggedized all-outdoor, high-power LTE base station
- Unique Software Defined Radio (SDR) - supporting 16e, LTE & LTE-Advanced
- Best indoor coverage with 4xRx Radio
- Ideal for Fixed, High Mobility, Dense Urban & Mixed Environments
- "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](http://telrad.com) or email [sales@telrad.com](mailto: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 - Indoor coverage, above 30km radius with outdoor CPEs, 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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