



## PRODUCT INFORMATION

### 4G EUROPE/AUSTRALIA MODULE



#### Air Interface

- LTE / HSPA+ / GSM

#### Transfer Rate

- LTE-FDD R9 Cat3 (DL 100Mbps / UL 50Mbps)
- DC-HSPA+ R8 (42 Mbps)
- HSDPA R5 (7.2Mbps), HSUPA R6 (5.76 Mbps),
- UMTS (384 Kbps)
- EDGE (237 Kbps)
- GPRS (85.6 Kbps)

#### Frequency Bands

- LTE-FDD Band 1/3/7/8/20 (2100/1800/2600/900/800MHz)
- HSPA+/UMTS Band 1/2/5/8 (2100/1900/850/900Mhz)
- GSM/GPRS/EDGE (850/900/1800/1900MHz)

#### Certifications

- CE, GCF-CC, NCC, Telstra, Vodafone (Modular)
- CE (Router)

#### Connectors

- 2x SMA connectors (female) to connect an external MIMO antenna

#### Suitable for

- Multichannel VPN Router 200
- Multichannel VPN Router 3X0
- Multichannel VPN Router 1610
- Multichannel VPN Router 26X0

The 4G Europe/Australia Module allows using all current mobile phone technologies with every Viprinet Multichannel VPN Router in Europe and Australia. LTE is the newest mobile phone standard available worldwide – also called 4G. It allows higher bandwidths and higher ranges at the same time and forms the current state of the art regarding mobile phone services. Thus, it provides long-term feasibility.

Especially in mobile usage, this module ensures undisruptive mobile phone connections due to the additional support for the mobile phone standards UMTS and GSM. The transition between different mobile phone standards is carried out seamlessly, and at all times, the best available connection is used.

Included with the 4G Europe/Australia Module are two high-quality knuckle-mount antennas and a small pedestal. Due to two SMA jacks on each module, connecting an external MIMO antenna to the module is possible. Thus, good mobile phone connections can be realized even under the most difficult reception conditions.

Please note:

- LTE uses different radio frequency bands depending on the country. Depending on the firmware used, this module supports all LTE frequency bands common in Europe or Australia.
- When choosing an external antenna, please make sure that it supports the LTE as well as the UMTS frequency bands used.

## ACCESSORIES

### Antenna Solutions

- LTE/UMTS MIMO Dual Omni Panel Antenna
- LTE/UMTS Car Antenna
- LTE/UMTS Car Bumper Mount Antenna