



PRODUCT INFORMATION

LTE/DC-HSPA+/EDGE/GPS MODULE



Air Interface

- LTE / HSPA+ / EDGE

Transfer Rate

- Download: 100 Mbps (LTE), 21.1 Mbps (UMTS/HSPA+)
- Upload: 50 Mbps (LTE), 5.76 Mbps (UMTS/HSPA+)

Frequency Bands

- LTE: 800/900/1800/2100/2600 MHz
- UMTS (WCDMA/FDD) / HSPA+: 900/2100 MHz
- GSM / GPRS / EDGE: 900/1800/1900 MHz
- GPS: L1 band with 1.57 GHz

Connectors

- 2x SMA connectors (female) to connect an external MIMO antenna
- 1x SMA connector (female) to connect an external GPS antenna

Suitable for

- Multichannel VPN Router 200
- Multichannel VPN Router 300
- Multichannel VPN Router 1610
- Multichannel VPN Router 2610

The LTE/DC-HSPA+/EDGE/GPS Module allows using all current mobile phone technologies with every stationary Viprinet Multichannel VPN Router. The newest mobile phone standard LTE – also called 4G – is already available in many countries worldwide and allows higher bandwidths and higher ranges at the same time compared to 3G. It forms the current state of the art regarding mobile phone services and thus provides long-term feasibility.

Especially in mobile usage, the LTE/GPS module ensures uninterrupted 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. The GPS function allows locating the router at all times by using the administration tool. For efficient vehicle fleet management, this geo-tracking is very useful.

Included with the LTE/GPS module come two high-quality knuckle-mount antennas for mobile radio and one GPS antenna with a 3 m cable. 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. This module supports the LTE frequency bands 800/900/1800/2100/2600 MHz common in Europe and further regions, but not the frequency band 700MHz as used in the US. 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