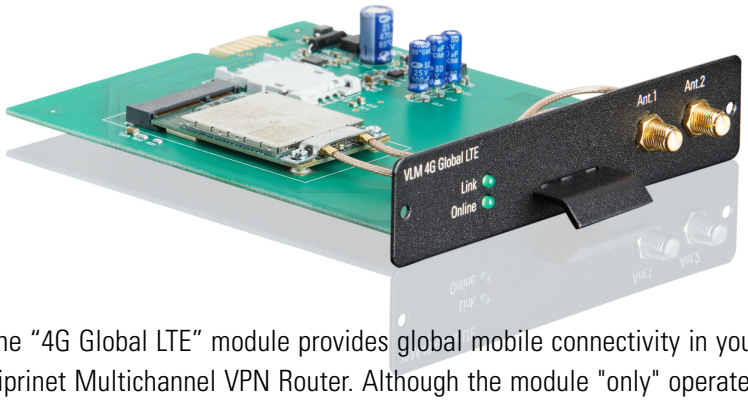
viprinet®

Product information
“VLM 4G Global LTE“ Module

Productcode 10-01077



Air interface

- 4G LTE / 3G HSPA+

Speed

- LTE Cat.4 (DL up to 150 Mbps / UL up to 50 Mbps)
- HSPA+ (DL up to 42 Mbps / UL up to 5.76 Mbps)

Frequency Bands

- LTE-FDD Bands
  1/2/3/4/5/7/8/12/13/18/19/20/25/26/28
  LTE-TDD Bands
  38/39/40/41
- HSPA+/UMTS Bands
  1/2/4/5/6/8/19

Approvals

- Regulatory: GCF, FCC, IC, PTCRB

Connectors

- 2x SMA socket for connecting the supplied MIMO antenna or other antenna solutions

Compatible with

- Multichannel VPN Router 310
- Multichannel VPN Router 1610
- Multichannel VPN Router 2610
- Multichannel VPN Router 2620

The “4G Global LTE” module provides global mobile connectivity in your Viprinet Multichannel VPN Router. Although the module "only" operates in LTE category 4, and thus has a maximum downstream of 150 Mbps, it supports so many radio bands that it is extremely future-proof for national and international use. All LTE bands currently used in Europe and those planned for the future are covered, as are most of the other frequencies used internationally.

The limit of 150 Mbps is not a great restriction given the current utilisation of LTE radio cells and the high data costs; the upstream of 50 Mbps is on a par with that of category 6 (LTE-Advanced) modules.

The module is therefore a good compromise between a favourable price, very good network coverage and outstanding future viability. To increase the peak data rates, it can also be combined with a 4.5G and/or 5G module in your router.

Our high-quality LTE MIMO antenna is supplied with the module. This can be placed on any surface, and thanks to the magnetic base it holds particularly well on metal surfaces. With its tripod thread, it can also be optionally mounted on a wall or tripod. Thanks to the two SMA antenna connections on the module, any antenna from other manufacturers can also be used.

Note: Please note that different radio frequencies are used for LTE depending on the country. This module supports most of the frequencies used worldwide. Nevertheless, you should check whether all frequencies used by your mobile phone provider are covered. When choosing an external antenna, please also make sure that it supports the LTE bands to be used.

As of July 2021. Further info at https://vlm.support