



viprinet®

#### Supported Protocols

- HSDPA 7.2 Mbps
- HSUPA 5.76 Mbps
- UMTS/HSPA (WCDMA/FDD) 2100 Mhz
- EGSM 850 / 1900 / 2100 MHz
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- PPP
- CHAP/PAP

#### Connectors

- 1x SMA connector (female) to connect a cellular antenna

#### Suitable for

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

## PRODUCT INFORMATION

### UMTS/HSPA/EDGE HOT PLUG MODULE



Current 3.5G cellular radio standards are supported by the UMTS/HSPA/EDGE module. This module is the ideal solution for all sites where DSL-based solutions aren't available. It may also be used as companion to existing DSL connectivity to provide redundancy. Finally, a router equipped with multiple UMTS/GPRS/EDGE modules allows ad-hoc installations with high bandwidths and reliability – a good solution for business fairs, congresses and exhibitions. This may also form the basis for ad-hoc video streaming solutions.

Included with the module comes a high-quality direct mount cellular quad-band omnidirectional antenna which gives 2 dBi gain. The module's SMA connector may also be used in conjunction with any external high-gain cellular antenna for extended reach. Using such antennas, UMTS or EDGE signal reception may be possible in areas with low signal coverage.

Please note: to provide best possible 3G reception, you should not operate multiple 3G modules with the original direct mount antennas side by side. Instead, we recommend the use of additionally available 3G window antennas or 3G outdoor antennas. If you want to use the device in vehicles, we explicitly recommend the use of outdoor antennas.

## ACCESSORIES

### Antenna Solutions

- UMTS mini window antenna
- UMTS window antenna
- UMTS outdoor antenna
- Mobile antenna kit