HSDPA 7.2/HSUPA 2Mega & ADSL2+ *Router*

3G BACK-UP - Code 8D5632

- Connect your LAN to the Internet **via UMTS**
- Download speed **up to 7.2M** and Upload **up to 2M**
- Your ADSL always online with the **3.5G Backup function**
- Built-in **54 Mbps Wi-Fi module**
- **Web based** configuration

DESCRIPTION

3G Back-Up is a latest generation **HSDPA router** totally integrated. **It is equipped with a 3G module** that integrates the **maximum performances of the mobile UMTS network**.
In particular, thanks to the **HSDPA and HSUPA technologies** the download speed can reach the **7.2 Mbps**, while the upload speed is up to 2 Mbps.

3G Back-up is ideal in all those applications that require **performing transmissions** (for example when sending large size mail attachments) and mainly in **video applications** or for the **back-up of ADSL o SHDSL lines**.

3G Back-up is also an **ADSL 2/2+ router with speed up to 24Mbps**. With a sole device it is possible to carry out **Back-up applications of the ADSL line** with an integrated device, making easier the coexistence of 2 gateways on the same network and no need to reconfigure the LAN PCs.

With 3G Back-Up you will perform **3 different connection types**: **ADSL, 3.5G or ADSL with backup over HSDPA**.
You can also add a rechargeable backup battery for a continuous operation of your Gateway even if the power line falls down.
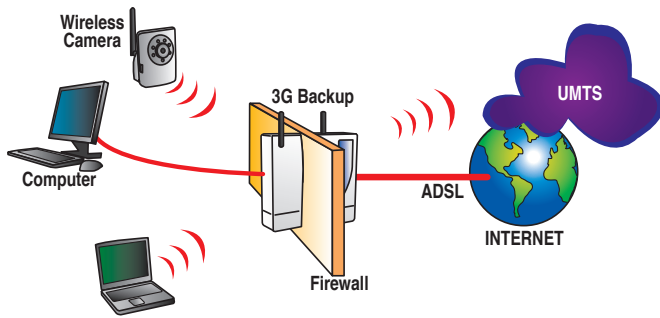The implementation of the **Remote Activation** function offers the possibility **to remote enable the connection**. When a specific SMS is received or a phone number is detected (CLI), 3G Back-up will connect for a time set by the user.
Furthermore 3G Back-up can be set to intercept E-mails received in LAN enabling the 3G connection and it can send an SMS.

digicom

MANAGEMENT AND CONFIGURATION

3G Back-Up can be setup and managed via WEB interface, apart from the operating system.

TECHNICAL FEATURES

Wireless WAN

- 3G Gateway for Back Up and/or 3G Router applications
- UMTS technology with HSDPA Category 8 (7.2 Donwnlink)
- HSUPA Category 5 (2.0 Uplink upgradable uo to 5.76 Mbps)
- EDGE/GPSR Class 12
- Bands: UMTS 2100MHz
- Bands: EDGE/GPRS/GSM 850/900/1800/1900MHz

Hardware

- Web based local and remote configuration
- LAN: 1 10/100 Ethernet port
- Size: 230 x 133 x 65 mm (exclusive of antennas)
- Reset to Factory Default button
- 12VDC/1.2A external power supply (range 10-14.5V)
- Standby consumption: 672mA - 770mA
  Maximum consumption 840mA
- 1 SIM holder
- Operating temperature 0-40 ºC
- Non-condensig humidity: 20-95%
- Battery Back-up (optional) Li-ion
- CE Mark

Network Functionalities

- Full Routing IP (static and dynamic, NAT, Dynamic DNS (DDNS)
- Firewall (SPI) and protection from DoS attackes, Packet Filtering, URL content
- DMZ, Virtual Server, VPN Pass-through
- VPN IPSec (1 tunnel), DES, 3DES, AES, MD5, SHA1
- DHCP Server/Client support

Wireless LAN

- Wireless up to 54Mbps (IEEE802.11g, b)
- 64/128 bit WEP , WPA-PSK/WPA2-PSK encryption

Management

- WEB based local/remote configuration and management
- WEB based Firmware upgrade

ADSL

- Built-in ADSL 2/2+ router
- Standards: ADSL2+, G.dmt bisplus (ITU G.992.5); ADSL 2 G.dmt.bis (ITU G.992.3), Full.rate ANS T1.413 Issue 2, G.dmt (ITU G.992.1), G.Lite (ITU G.992.2) G.hs (ITU G.994.1), ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684 Formely RFC 1483); Bridge or Routed Ethernet encapsulation, VC and LLC based mux PPP over Ethernet (PPPoE) and PPP over ATM (PPPoA)

digicom