

Wireless 3G Gateway *HSDPA & HSUPA Station*

3G SOHO - Code 8D5634

3G SOHO PLUS - Code 8D5635

- **3.5G/HSUPA/HSDPA** Wireless Gateway
- Fast Internet with **7.2 Mbps UMTS Technology**
- **Simultaneous** Internet and Voice call
- **2 Mbps** Upload transmission
- 65.000 colors display
- Send and Receive **SMS** with your 54M Wireless PC
- Remote configuration and Management
- **1** analog phone **FxS port**
- **1 FxO port for Mobile eXtension applications**
- Built-in **ADSL 2/2+ Router** function (optional)
- Battery Backup (optional)

DESCRIPTION

3G SOHO belongs to Digicom's Gateways new generation, projected and carried out using the latest wireless technologies.

INTERNET

3G SOHO is the ideal solution for **High-speed Internet connections** using **HSDPA technology (1) at 7.2Mbps**. Furthermore thanks to the **HSUPA standard support**, the gateway can transfer the e-mail attached files with an upload speed up to 2Mbps (1).

PHONE

Easy call with 3G SOHO: just connect a traditional phone to the TEL connector to **make a call via GSM**, as it were a mobile phone. The billing system will be then GSM to GSM with considerable savings if compared to the PSTN-mobile rates.

Note 1: The support of HSDPA and HSUPA technologies and their Download/Upload speeds depend on the mobile operator.



3G SOHO 14/07/2008

For further information visit our website <http://www.digicom.it>

SMS

Through the WEB interface you can **send and receive SMS**. The information of SMS received is displayed.

DISPLAY

All the main information about the gateway status are supplied on a **65.000 colors display**, for example the coverage level, the caller ID connection, the SMS received, the lost calls, the date and time will be available on the display to guarantee the maximum efficiency.



LAN and Wi-Fi

3G SOHO uses the **54M Wireless LAN technology** for the connection to your laptop. A LAN Ethernet port is available for the wired connection.

MOBILE EXTENSION (Optional)

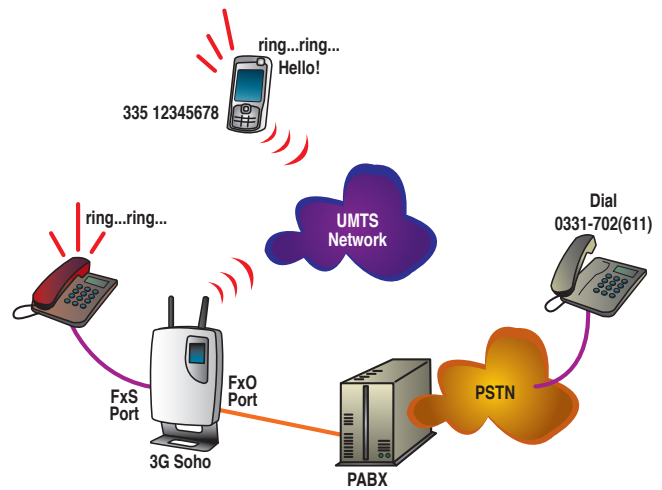
3G SOHO has a **full series of options** that add high value functions like an **FxO analog port or the built-in ADSL Router**.

The **Mobile extension function**, performed with the FxO analog port, can remote manage all the calls of your PSTN line (or PABX extension) on the mobile phone.

So you will be able to answer a call coming to the PSTN line with your mobile phone. You will also call from your mobile phone using the PSTN line.

This function is very useful in applications of mobile company LAN where you can remote manage the PABX line on your mobile phone.

You will be able to operate and work as if you were in office even when you are away.



It is ideal for all the applications of small remote office, teleworking, for the management of agents network, etc.

MANAGEMENT AND CONFIGURATION

Configuration and management of 3G SOHO are carried out **via WEB interface**, independently by the operating system.

As for the applications with mobile telecom operators, it is supported the management of TR069 protocol.

VoIP and Fax T.38 Ready

Digicom's gateway is ready for the latest generation applications that foresee the **use of Full-IP technology even for the transmission of Voice and Fax**.

Thanks to Digicom's long experience in carrying out VoIP CPE - Customer Premise Equipment, **3G SOHO is ready to integrate the IP Telephony and the T.38 Fax mode**.



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ADSL (Optional)

3G SOHO can be equipped with a **built-in ADSL2/2+ Router**.

In this way, in case of **BACKUP of the ADSL line** or for mobile-to-mobile calls (in Least Cost Routing application), the **UMTS module can be used**.

BACKUP

With the built-in ADSL router option and the possibility to use the UMTS network, you can be always online even when the ADSL line is down. Your e-mail will be always available and you can be reached via phone through the mobile network.

You can also add a backup rechargeable battery in order to have your gateway always operative even when the electric power is down.

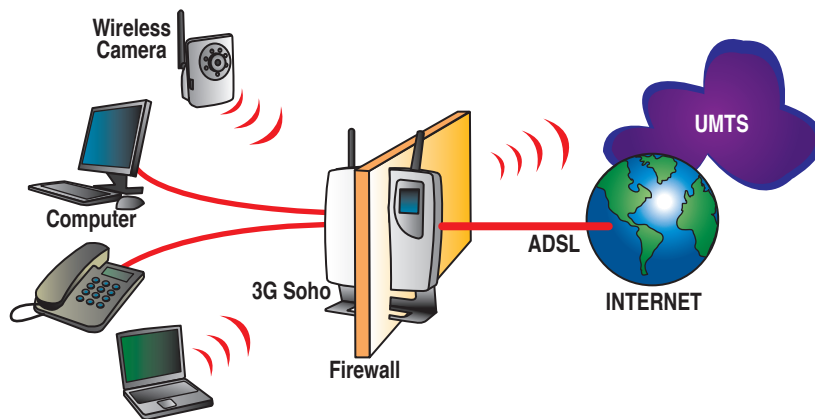
LEAST COST ROUTING

This mode allows a **saving on the telephone bill** (2), using the mobile network, instead of the PSTN one, for the mobile-to-mobile calls.

Depending on the prefixes inserted during the configuration, 3G SOHO will call using the mobile network instead of the PSTN network with a considerable saving on the telephone bill.

In order to perform this application it is necessary the FxO option on the product.

Note 2 : The telephone saving depends on the rates plan defined by your operator for the prefixes inserted during the configuration.



TECHNICAL FEATURES

Wireless WAN

- 3G Gateway for Small Office/Home Office or Consumer applications
- UMTS Technology with HSDPA Category 8 (7.2 Downlink)
- HSUPA Category 5 (2.0 Uplink update to 5.76 Mbps)
- EDGE/GPRS Class 12
- Bands: UMTS 2100/1900/850 MHz
- Bands: EDGE/GPRS/GSM 850/900/1800/1900MHz

Hardware

- 1.8" 65.000 colors display
- WEB based local and remote configuration
- 1 FxS analog phone port
- 1 FxO (optional) analog port for Mobile eXtension applications
- LAN: 1 10/100 Ethernet port
- Size and Weight: 295 x 140 x 75 mm; 450gr.
- Reset to Factory Default Button
- 1 SIM holder
- 12VDC/1.2A external power supply
- Operating temperature 0-40 °C
- 20-95% non condensing humidity
- Backup Battery (optional) Li-ion 7.4 V /850 mA
- CE Mark

Network Functionalities

- Full Routing IP (static and dynamic, NAT, Dynamic DNS (DDNS))
- Firewall function (SPI) and protection from DoS attacks
- Packet Filtering, URL content
- DMZ, VPN Pass-through
- 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 and remote configuration and management
- Firmware upgrade through WEB interface
- Management via TR069 protocol

ADSL (optional)

- Built-in ADSL 2/2+ Router
- Standard 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)

3G SoHo is available in 2 versions to satisfy all the customer's needs.

The **PLUS** version has 1 FxO phone interface to use the additional functions of Mobile eXtension and the connection to PABX extension side, then it can be used as a gateway for the incoming calls.

It is equipped also with the ADSL2/2+ router for the Back-up or Instant Office applications (while waiting for the ADSL connection, you use the 3G one).

8D5634 - 3G SOHO - Gateway HSDPA/HSUPA 7.2M Download-2M Upload, 1 interfaccia LAN 10/100, 1 FxS Voice port

8D5635 - 3G SOHO PLUS - Gateway HSDPA/HSUPA 7.2M Download-2M Upload, 1 10/100 LAN interface, 1 FxS Voice port, 1 FxO Voice port, built-in ADSL2/2+ router



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