Gateway 3G *HSDPA 7.2/HSUPA 2 Mega*

3G INDUSTRIAL - Code 8D5662

- **3.5G/HSUPA/HSDPA** Gateway
- Fast Internet via **UMTS up to 7.2 M Download and 2M Upload**
- Remote configuration and management
- For **industrial applications**

DESCRIPTION

3G Industrial is a latest generation **3G GATEWAY** especially projected for industrial applications.
It is equipped with a 3G module to take advantage of mobile network maximum performances.
By using the **HSDPA and HSUPA technologies** the Download speed can reach 7.2 Mbps while the Upload is up to 2Mbps.

As 3G Industrial can send high speed data, it is suitable in all those **applications requiring high performances** that up to now have been available with connections **over the ADSL or xDSL lines only**.
Configuration and management of 3G Industrial are **WEB based** and independent of the used operating system.
Management and configuration can be performed **both local and remote**.

The **connection mode** can be set **manual**, that is, the user decides when to connect/disconnectd or **always on**, that is, the device is always connected.

The implementation of **Remote Activation** in 3G Industrial gives the possibility **to remote enable** the connection. When a specific SMS is received or a phone number is recognized (CLI), 3G Industrial will connect for a time set by the user.
3G Industrial can be set to intercept E-mails received in LAN enabling the 3G connection and to send an SMS.

3G Industrial allows **protected interconnections** with other networks or computers through the Internet.
In order to guarantee the security and confidentiality of data on the "public network", the **VPN (Virtual Private Networks)** is supported with IPSec authentication and encryption protocol.
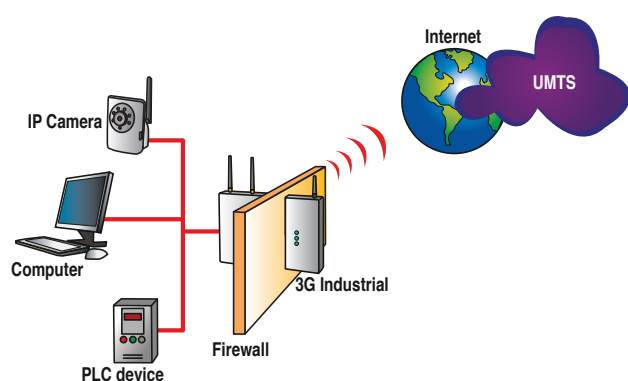
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3G Industrial integrates **advanced Internet functionalities** like **Virtual Server**, **DMZ**, **Dynamic DNS** besides the **Firewall** support for the network protection. It is also equipped with a **54Mbps Wireless LAN interface** to be used with wireless computers and devices.

The case is metal one with an easy system for the wall mounting and it is arranged for the installation of a **Backup Battery** (optional) that guarantees the operation even when power is off.

3G Industrial is the suitable product for all those applications when you need to send data, video, or images **where the ADSL connection is not available** or it is not covenient to subscribe it. Here some examples of applications:

• PLC remote control
• Control and management of industrial structure
• Control and management of remote equipment
• Remote Surveillance of buildings or estate
• Remote Surveillance of moving objects: taxi, buses, trucks
• Internet access where the ADSL it not available: construction sites, vacation houses, infopoint, shops, taxi, buses

TECHNICAL FEATURES

Wireless WAN
● UMTS technology with HSDPA Category 8 (7.2 Downlink)
● HSUPA Category 5 (2.0 Uplink upgradable to 5.76 Mega)
● EDGE/GPSR Class 12
● Bands: UMTS 2100MHz
● Bands: EDGE/GPRS/GSM 850/900/1800/1900MHz

Hardware
● 1 10/100 LAN Ethernet port
● 1 SIM holder
● Size: 192 x 36 x 165 mm (exclusive of antennas)
● Wall mounting system
● Power OFF-Power ON Reset button
● Reset to Factory Default button

● 12VDC/1.2A external power supply (range 10-14.5V)
● Standby consumption 672mA - 770mA
  Maximum consumption 840mA
● Operating temperature: 0-40 ºC
● Non condensing humidity: 20-95%
● Li-ion Backup Battery (optional)
● CE Mark

Network Functionalities
● Full Routing IP function
● NAT, Virtual Server, DMZ
● DHCP Server support
● VPN IPSEC, DES, 3DES, AES, MD5, SHA1
● VPN Pass-through
● Firewall (SPI) and DoS, Packet Filtering, URL content attacks protection

● Wireless up to 54Mbps (IEEE802.11g/b)
● 64/128 bit WEP, WPA-PSK/WPA2-PSK encryption
● 2dBi external antenna on SMA connector

SMS
● SMS from WEB interface
● SMS reception from WEB interface
● Long SMS management

Management
● WEB based local and remote configuration and management
● WEB based local and remote firmware update
● BackUP and Restore of configuration file

Internet
UMTS

IP Camera

Computer

3G Industrial

Firewall

PLC device

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