

# Remote Control - *Industrial Line*

## 3G INDUSTRIAL PRO RS485 - Code 8E4506

- **HSPA Router** 7.2/5.76Mbps
- **Quad-Band 3G** module for Worldwide Applications
- **Routing IP** functionality
- 1 10/100 **LAN** Ethernet port
- **Industrial Grade Range: -25°C +70°C**
- 1 **RS485** serial port
- **VPN support:** IPSec/L2TP/PPTP/GRE
- Power range: **9-48VDC**
- **DIN-rail mounting kit**



### DESCRIPTION

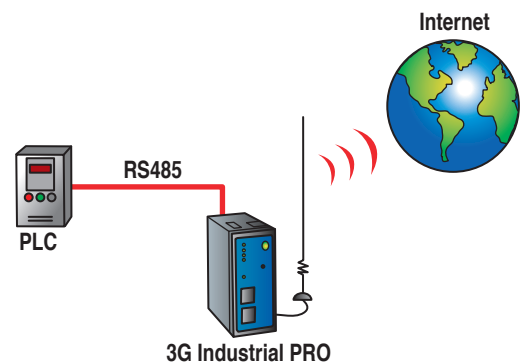
3G INDUSTRIAL PRO is a **router with built-in HSPA 3G module**, especially designed for industrial applications in the **machine-to-machine (M2M)** market.

All the functionalities and the components of 3G Industrial PRO have been optimized to operate in several environments in order to satisfy the different installation needs of the industrial sector (industrial temperature range from -25 to +70°C - power from 9 to 48VDC - consumption management).

The **UMTS/GSM Antenna** on SMA connector can be removed to allow the use of different antennas (high gain or external).

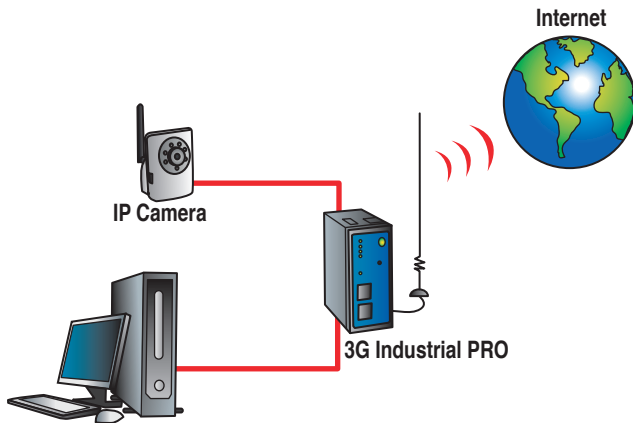
Even the metal case with the DIN mounting, the front panel connectors and the protected SIM holder have been accurately designed to guarantee the maximum flexibility and functionality.

3G INDUSTRIAL PRO is a **professional router** that supports **advanced services** like firewall, **VPN, VRRP** and remote connection through SMS, besides the most popular functions like NAT, DHCP server and DynDNS.



Some typical applications are for example:

- the connection of Ethernet devices like computers, IPcameras, Videoservers, PLCs;
- the possibility of a remote connection in order to check data, images and videos;
- the connection of RS232 serial devices (PLC, units of measurement, etc.)



Some fields of applications.

## TECHNICAL FEATURES

- HSPA/GPRS/GSM module
- HSUPA support: 7.2M in Download and 5.76M in Upload
- 3G frequencies: 850/900/1900/2100 MHz
- 2G frequencies: 850/900/1800/1900 MHz
- Connection modes: always-on, manual, SMS
- 1 10/100 LAN Ethernet port
- 1 SIM holder (protection against oscillations and vibrations)
- 1 RS485 serial: Tx, Rx, Gnd
- **12VDC/1.25A(range 9-48Vdc) external power supply**
- Size: h110x100x46 mm
- **DIN mounting support**
- Reset and Factory Default button
- External antenna on SMA connector
- **Consumption: 300mA at 12V**
- **Standby consumption: 120mA at 12V**
- **Operating temperature: -25 °C +70 °C**
- Non condensing humidity: 5-95%
- Complies with following regulations: IEC60068-2-27/ IEC60068-2-23/ IEC60068-2-6 for anti-shock, drops and vibrations
- Full Routing IP: NAT, Virtual Server, DMZ, dynDNS, DHCP Server, VRRP, VPN IPsec, L2TP, PPTP, GRE
- VPN Pass-through
- Firewall function (SPI)
- Web based local and remote configuration
- MODBUS RTU and MODBUS TCP support
- CE Mark



DIN mounting kit for cabinet installation



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