## Industrial 3/4G Router Dual SIM + 300Mbps 2.4GHz WIFI 802.11 a/b/g/n

The Galgus Industrial grade 3/4G router dual SIM with WIFI a/b/g/n the best and simplest option for professional communications requiring an expanded 3/4G connectivity with double WAN data rates and 4 LAN ports, with an extended grade in its environmental conditions and working mode.

I2N210 is widely used as data network gateway for medium data capacity networks, for remote monitoring in all type of scenarios and sectors (financial, postal, smart grid, transportation, protection, fire, security, water, public safety, advertising, industrial, earthquake,….), IoTs, … where the WIFI can be used or not.

This product supports dual mode card which means the product is applicable to areas where different network standards exist simultaneously. This product achieves bandwidth superposition. Two cards connected simultaneously, doubles the connection speed.

### Main Characteristics

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|---|---|
| **Antenna** | • 2x Omnidirectional SMA LTE/UMT/GSM . 50 Ohms<br>• 1 x Omnidirectional SMA WIFI 2.4GHz 1x1 MIMO + AUX/GPS. 50 Ohms |
| **Data speed** | D/TDD LTE:50/100Mbps<br>HSPA+:5.76/21Mbps<br>EVDO：1.8/3.1Mbps<br>Load balancing dual mode cards. 2 x data speed. |
| **Interfaces** | 1 port 10/100Mbps WAN + 4 ports 10/100Mbps LAN, 2 x SIM/UIM card slots<br>RS-232 /RS485 with a serial port |
| **TX power** | <24dBm 16-17dBm(11g), 18-20dBm (11b) , 15dBm (11n) |
| **RX sensitity** | <-109dBm, <-72dBm@54Mbps |
| **2/3/4G** | FDD-LTE（Band B1/3/7/8/20）<br>TDD-LTE（Band38/39/40/41）<br>HSPA（850/900/1900/2100MHz） |
| **WIFI** | 802.11a/b/g/n  1x1  (1 Stream) 2.4GHz/300Mbps |
| **Security encryption** | WEP, WPA, WPA2.  WPS |
| **Reset button** | Yes to factory default configuration. |
| **Environmental conditions** | • -40ºC…..+75ºC working temperature<br>• <95% non-condensing working humidity |
| **Dimmensions and weight** | 153 x 103 x 25.5 mm,   550gr |
| **Cage** | Steel. Anti-drop mechanism, WDT, IP34 |
| **Chipset** | Qualcomm QCA9531. CPU 560MHz. 128MB Flash + 128MB SRAM, 32bits processor |
| **Management systems** | SNMP, Galgus Cloud Manager |
| **Network functions** | DHCP, DDNS, Firewall, NAT, DMZ host. |
| **Network protocols** | ICMP, TCP, UDP, Telnet, FTP, HTTP, HTTPS, .. |
| **VPN Protocols** | PPTP, L2TP, IPSec, OPENVPN |
| **LED indicators** | Power, WAN, LAN, Net |
| **Extensions** | GPS/BeiDou positioning |
| **Others** | DTU function, Dial on demand (Voice, SMS, datatrigger), UPnP, |
| **Porwering** | 7.5Vdc-32Vdc. Nominal 12Vdc/1.5A.<br>Supports low power, sleep, timimng up/down, time on/off modes |