

Router AirGate-3G



NOVUS
Cloud

The **AirGate-3G** is a cellular router for Internet of Things (IoT) applications and provides remote access to local networks. It acts as a Modbus RTU master and reads up to 64 registers of Modbus remote channels. All data generated can be published on **NOVUS Cloud** platform, which allows access anytime and anywhere, besides providing efficient and reliable storage.



Features

- Dual SIM card redundancy for continuous cellular connection, supports 2G/3G
 - Modbus Gateway provides routing between Modbus RTU/ ASCII and Modbus TCP networks
 - Up to 32 alarms signaling through SMS and e-mail
 - Digital Input and output with pulse counting
 - Auto reboot via SMS, through identified phone call and by watchdog timer
 - Two fully configurable RS232 and RS485 serial interface
 - Dual port ethernet interface 10/100 Mbps (for 2 LANs or 1 LAN + 1 WAN)
 - **NOVUS Cloud** service connectivity for data storage and browsing
 - USB 2.0 host port allows local firmware update and configuration
 - Temporary local data recording ensure data integrity even during long connection lost events. Storage on USB flash drive, local memory or MicroSD card
 - NOVUSLink: M2M centralized management platform for remote monitoring, configuration and firmware updates
 - Flexibility both on monitoring and set up methods: Web, CLI, SNMP v1/v2/v3, SMS, NOVUSLink
 - Firmware update via Web, CLI, USB, SMS, NOVUSLink
 - Opening VPN tunnel possibility for full safety during remote access
 - Metal enclosure with DIN 35 mm mounting kit
 - ANATEL, CE and FCC certified
 - Dimensions: 45 x 125 x 105 mm
 - Operating temperature: -40 to 85°C / 5 to 95% RH
 - Power supply: 9 to 60 Vcc
- OPTIONAL:**
- GPS for real time location and tracking
 - Articulating antenna

Application Topology



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