



5IG-600 4GROUTER

DESCRIPTION

Router and gateway 4G LTE / UMTS / GSM

IMAGE



FUNCTIONS

Voice calls

Access point wireless (to offer Wi-Fi connectivity to wireless devices)

Dynamic DNS client (to allow the user to remotely access, using the public Internet, the router itself and all the devices connected via Wi-Fi or LAN port)

Data transmission (RS-232, RS-485 and CAN-bus standards; to allow the user the remote monitoring, through the COMNet service, of the devices connected to the serial port / to allow the devices connected to the serial port to send automatically data, alerts and notifications through the COMNet service)

Programmable digital inputs (inputs activation notification via SMS or CLI call)

Relay outputs (to be activated locally or o via SMS)

Router configuration interface via web browser

Gateway local programming via telephone (DTMF tones)

Gateway remote programming via SMS

Reading of programming codes via SMS

Caller number display service

CLIP / CLIR

Roaming service management
SIM card expiration control notification via SMS)
Battery check (low/dead/replaced battery notification via SMS)
External power failure control (failure/restore notification via SMS)
Relay-based notification of external power failure
Relay-based notification of 4G LTE / UMTS / GSM network loss
Signal level check via local telephone or via SMS
Automatic converter of selected telephone number
Programmable telephone line voltage
Adjustable reception and transmission levels
Customizable timeout of post dialing
Automatic country setting
Automatic reboot under prolonged 4G LTE / UMTS / GSM signal absence
Remote reboot
Firmware update OTA

TECHNICAL FEATURES

Module: LTE Cat 1 Penta-Band / UMTS HSPA+ Dual-Band / GSM Dual-Band
Frequency bands: LTE (700/800/900/1800/2100 MHz) / UMTS HSPA+ (900/2100 MHz) / GSM (900/1800 MHz)
Speed: LTE Cat 1 download max. 10,2 Mbps / upload max. 5,2 Mbps
3G / 2G fallback
Wi-Fi: 2.4 GHz - IEEE 802.11b/g/n
Security Wireless: WEP, WPA, WPA2, WPA-WPA2, WPA-WPA2-AES
LAN port: RJ45 10/100 Mbps
FXS port (terminal blocks)
Terminal blocks for data transmission in RS-232/RS-485/CAN-bus standard
Relay outputs: 2 (NO and NO/NC; 1 A 24 V)
Opto-isolated inputs for technological alarms: 2
Micro USB A/B port for pc connection
SIM card slot: 2FF
Device status indicator LED: red
COMNet data transmission indicator LED: yellow
Power supply status indicator LED: blue
4G LTE / UMTS / GSM signal indicator LED: green
4G LTE / UMTS / GSM signal indicator flash: 1, 2, 3 or 4 for low, medium, good, high signal level
Line status indicator LED (FXS output: clear, engaged, ring): white
Antenna connectors: SMA/f
Antenna: magnetic base antenna with cable (2 m) and SMA/m connector Wi-Fi stylus antenna

POWER SUPPLY

Power supply: from 11 V to 26 V (dc)

Power supply input: terminal block 11/26 Vdc / jack for 100-240 Vac external adapter

Back up battery: NiMH 800 mAh 7,2 V

Expected operation time with a new battery in idle state: 8 hours

Expected operation time with a new battery in conversation state: 2 hours

DIMENSIONS

Dimensions (antenna not included): 95x95x30 mm

Weight: 273 g

COMES WITH

4GRouter module

Magnetic base antenna with cable (2 m)

Wi-Fi stylus antenna

External adapter: 100-240 Vac 50-60 Hz input / 12 Vdc 500 mA output / CE mark

Mounting screw

User manual

