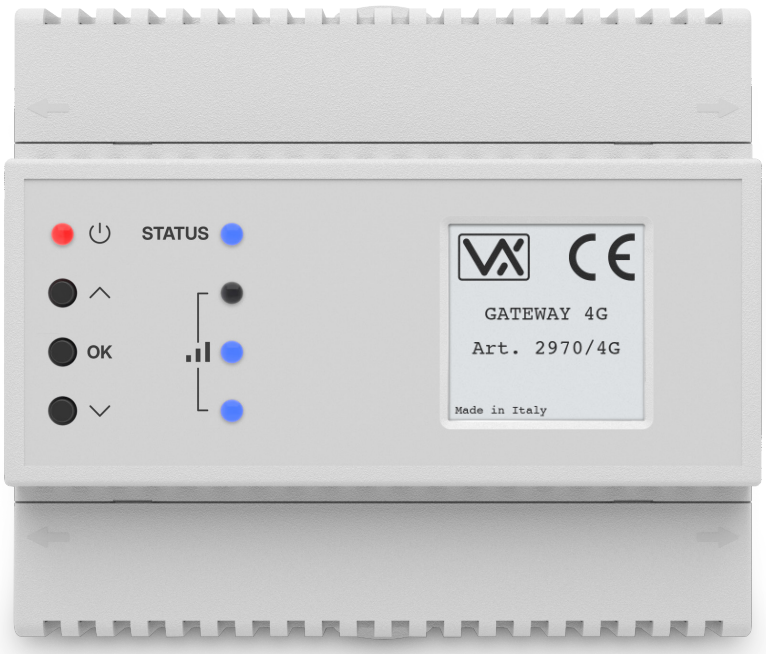
2970/4G

IPure 4G LTE gateway



Internet connectivity to the IPure system via mobile network (4G/3G/2G)

Allow video calls over mobile network

Two Ethernet interfaces in bridge mode

Configuration via the IPure Wizard software

PoE power supplied input and output
The device can be powered by PoE and it can also direct power supply to an IPure external unit

Enhances the IPure system with telephone features
Voice calls, sending and receiving commands via SMS

Embedded user interface
3 buttons, 5 LED's and e-paper display

Two inputs and two relay outputs

100% MADE IN ITALY

2970/4G

IPure 4G LTE gateway

Art.2970/4G is a device that provides Internet connectivity to the IPure system via mobile network (4G/3G/2G), allowing video calls to be made over the mobile network without the need for a wired connection.
The device integrates two Ethernet interfaces (eth0 and eth1) in bridge mode, to which IPure devices or other equipment can be connected, such as a PC for configuration via the IPure Wizard software.
The device can be powered via an external power supply or via PoE on the eth0 port. In addition, the eth1 port offers an output PoE function, allowing direct power supply to an IPure external unit.
In addition to enabling video calls over the mobile network, the 2970/4G enhances the IPure system with telephone features such as voice calls and sending and receiving commands via SMS.
It has a user interface with LEDs, buttons and a display for monitoring IP network and mobile network parameters (operator, signal level, APN, etc.).
In addition, the device is equipped with two inputs and two relay outputs. The two on-board relays, which can be addressed separately, can be used for any type of automation (driveway gate, pedestrian gate, light activation, etc.) and can function as a replica of other relays in the system.
There is also an analogue audio interface with microphone input and speaker output, ideal for applications requiring voice communication or integrated acoustic signals.

Technical characteristics

Operating system	Linux OS
Open Protocol	HTTP (API), SIP 2.0 (VOIP)
Programming	Using the IPure Wizard software
Interfaces	1 10/100 Mbps Ethernet RJ45 Port (with PoE output function) 1 1Gbps Ethernet RJ45 Port (with PoE+ input function) 2 USB2.0 TypeA 1 RS-485 Communication Port
Audio interface	1 analog audio input 1 stereo analog output
Inputs	2 programmable active low inputs
Outputs	2 programmable dry contacts
Mobile network	4G LTE Cat 4 module (max 150Mbps downlink and 50Mbps uplink), LTE-TDD/ LTE-FDD/HSPA+/GSM/GPRS/ EDGE
Antenna	2 SMA female 4G antenna connector (one is optional as “diversity” antenna)
SIM	Nano SIM push-push card holder
Display	E-Paper Display (EPD) 1.54", 200×200 pixels
LED’s	Power, Status, Signal strength
Buttons	3 for menu navigation
Power supply	12Vdc-24Vdc, 48Vdc PoE+ (802.3at Class 4)
Housing	6 module A type DIN box
Mounting	DIN bar or directly to the wall
Working temperature	-20 +60 °C

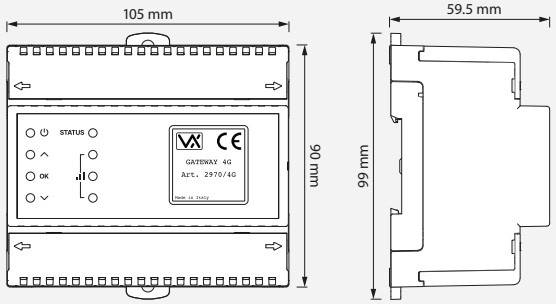
Accessories



434
External antenna kit for GSM system
Composed of: 3 metres cable with straight SMA connector and wall mounting bracket.



Power supply
48 Vdc/0.75 A power supply.
Installation on a DIN rail (2 modules).



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