gemino BUS
COMMUNICATOR GSM/GPRS

KSI4101000.300

Ksenia
security innovation

INTRODUCTION

gemino BUS is a Bidirectional GSM/GPRS Communicator for lares Control Panels. It is the ideal device to send and receive signals from your Intrusion Panel or for Home Automation purposes.
By the **gemino BUS** Communicator is possible to receive all alarm and status signalization from the lares Control Panel using pre-recorded vocal messages or by SMS.
It i salso possible manage the system by a complete but simple voicemail with which you can activate scenarios, to check the plant and zones status, make audio verification by-pass zones.
It is also possible to trigger up to 10 scenarios simply sending an SMS to the device, or making a ring (for free) to the SIM telephone number inserted in the device.
It is possible to manage the systema via GPRS from anywhere in the world, with no need of dedicated modem, simply using your PC, the basis SW and an Internet connection.
All in one device that integrates directly on the PCB the GSM/GPRS antenna, making the external antenna as an optional; moreover, other interesting news is that gemino offers the possibility to manage 2 different SIM cards, even from 2 different providers, monitoring continuously the status of the GSM network according to three different simultaneous modes:

- measuring the signal level and quality
- verifying the proper registration to the GSM network
- detecting the presence of interferences (jamming)

In short gemino is in a position to steadily choose which antenna gemino BUS GSM/GPRS Communicator (GSM/GPRS Communicator for lares Control Panels) and which SIM card (or provider) has to be used so as to assure the best possible GSM coverage for Security system applications (Patent pending).
Additionally, for all pre-paid SIM Cards, the Communicator includes the credit control and the automatic update of each SIM Card's expiring date upon each new re-charge.
Thanks to the EasyScan **gemino BUS** tells immediatly which is the best operator for the area of installation of the plant with no need to insert any SIM in the slots displaying it onto the ergo keypads connected to the Control Panel.
It can be connected to the system with the KS-BUS, with 4 wires only, in parallel to all the other KS-BUS–compliant devices. It is the natural integration for lares series Control Panel Communication:
gemino BUS can work as preferred communication channel or as a backup for the PSTN line. It allows the Control Panel to manage two different calls at the same time (one on GSM and the other on PSTN).

TECHNICAL DATA

- **Voltage:** 13,8 Vdc
- **Consumption:** 70mA stand-by, 250mA max
- **GSM line:** GSM/GPRS Telit BGA module 22×22mm (designed in Italy) Quad-Band (850- 900-1800 and 1900 MHz)
- **Operative temperature:** +5°C to +40°C
- **PCB dimensions:** 92×113×20mm
- **Max. overall dimensions:** 140×102×30mm
- **Weight:** 170 g

HOW TO ORDER

KSI4101000.300 - PCBA only
KSI4101000.310 - with slim "Double-Use" plastic box

ACCESSORIES

KSI7401000.010 - White metal cabinet
KSI7302000.010 - Plastic box "slim" version
KSI7501001.000 - Programming cable from PC(USB) to gemino (micro USB),180 cm long
KSI7800010.0xx -Loquendo license on USB hardware support with a license for 1voice / 1lenguage. Contact Ksenia Security sales office for voice / language selection.

CERTIFICATIONS

EN50136 Grade 3 - Class II
T014:2013
SSF114:2 Larmklass 2

ENVIRONMENT PROTECTION

gemino BUS has been designed and manufactured with the following features to reduce environmental impact:

- PVC-free
- Halogen-free laminates and printed circuits unleaded
- low absorption
- Packing made for the most part with recycled fibers and materials from renewable sources

we care

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