

KSI4104001.300



4G Antenna with 10m cable
KSI4800005.300



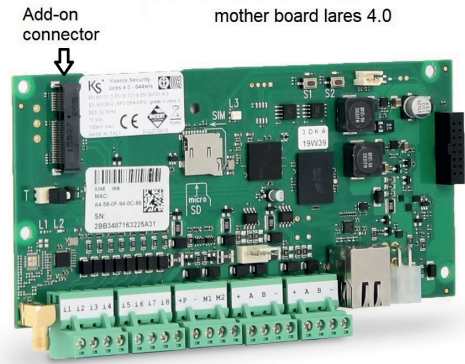
4G Antenna with 30cm cable
KSI4800006.300



4G Antenna with 5m cable
KSI4800008.300



ADD-ON 4G/LTE



mother board lares 4.0

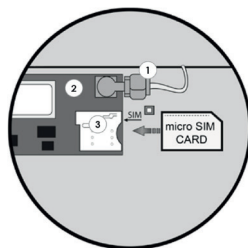
Description and functionalities

Add-on 4G/LTE module is an easy installation module, to be directly plugged into the special connector on the lares 4.0 control panel motherboard. It allows lares 4.0 control panel communications over 4G/LTE (Long Term Evolution) data network. Add-on 4G/LTE module provides a high-speed data channel besides being a bidirectional GSM communicator for calls, vocal notifications and menus, SMS, e-mail, etc. The wired communication on the IP network ensures the total redundancy of the communications on the mobile network, in case of failure or momentary lack of coverage and vice versa.

Regardless of the Internet connection over IP, with the addition of the 4G/LTE module, lares 4.0 can offer the following features:

1. remote configuration of the control panel through free Ksenia PRO App for installer or from Ksenia SecureWeb cloud (www.kseniasecureweb.com);
2. remote management of the control panel through free lares 4.0 APP for users;
3. sending of messages using the SIA DC09 digital protocol, with channel and receiver supervision;
4. notifications via SMS, e-mail, voice messages.

From the installer interface, it is possible to check if the add-on is correctly plugged in, thanks to two events in the log: "add-on plugged" when the module is correctly plugged into the mini PCI express slot and working, "add-on unplugged" when the add-on is not detected by the mother board. When the module is correctly plugged, the installer interface also shows the status of the SIM card using the following icons:



- Icon = wrong installation or not valid SIM
- Icon = SIM with PIN enabled, cancel the PIN code
- Icon = SIM blocked due to a generic error

Communications with 4G/LTE add-on			
Ksenia® security innovation		lares 4.0	Add-on 4G
Communications to the users	Vocal notifications and menus		●
	SMS		●
	e-mail	●	●
Communication Standards toward CMS/vigilo supervisor	Contact-ID (SIA DC-05)	—	● (*)
	IP Protocols (SIA DC-09 Level III)	●	●
Remote Management Options	Arm/Disarm	APP Webserver	APP/Vocal Menu (by scenario)
	Output management	APP Webserver	APP/Vocal Menu (by scenario)
	Video verification	●	● e-mail notifications
	Audio verification		●
Configuration	SecureWeb	●	●

(*) depends on coverage

CERTIFICATIONS



Europe - CE, Rohs
EN 50136 - Grade 3, SP2 - SP4 - DP3, Class II
T031: 2017 + A1:2018 + A2:2022

Technical data

Power supply	3.3 Vdc
Consumption	50 mA stand-by, 2.2 A max
4G LTE frequency	800, 900, 1800, 2100, 2600 MHz
GSM Band	B1, B3, B7, B8, B20
VoLTE technology	Yes
Maximum transmission time of vocal alarm	10 sec.
Alarm transmission system	SP2 - SP4 - DP3
External antenna connector type	SMA
Operating temperature	+5°C to +40°C
Form factor SIM	micro
PCBA dimensions	36x62x14 mm (hxlxd)