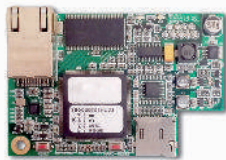EN50131-3
CEI 79-2
CEB T014

SmartLAN/G

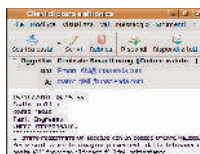Webserver with AlienMobile user interface

SmartLAN/G

Web server - graphic maps

Web server – virtual keypad

Web server - ONVIF videoverification
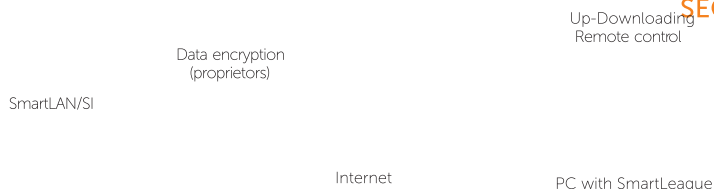

E-mail received from SmartLiving

AlienMobile App

Connectivity and accessibility are two fast-developing concepts which have overflowed from the professional world into the habitats and personal lives of the majority of people. Access to the Internet is no longer a prerogative of business organizations but is also an established reality in most private and household environments. The SmartLAN/G optional board use the Internet to provide SmartLiving systems with first-rate connectivity capabilities and communication features. All SmartLiving control panels are IP connectivity capable. The board mount easily to the control-panel motherboard. The SmartLAN/G (albeit an interface) safeguards the control panel against rogue access by using a rigorous encrypting process which provides the system with a high level of security. Furthermore, in order to keep network administration simple, SmartLAN/G board is equipped with user-friendly software for easy-management of the dynamic IP addresses. The system-on-chip platform used in the SmartLAN/G accessory board provides point-to-point networking capability and fast connectivity to the Internet. Therefore, it is possible to set up a remote connection and program or control the system via the SmartLeague software application, or perform supervisory operations via the SmartLook software, either locally (LAN) or remotely (Internet). In effect, the SmartLAN/G board grants the same level of access to the system as a local RS232 connection. SmartLAN/G provides the SmartLiving system with a digital communicator towards alarm receiving centres that support SIA-IP protocol. This feature allows alarm receiving centres to receive information in real-time through IP connectivity with many advantages in terms of cost and performance. Thanks to SIA-IP protocol, SmartLAN/G represents an alternative or integration to traditional PSTN connectivity towards alarm receiving centres. But the SmartLAN/G board also provides other more advanced remote-access and communication functions. The SmartLAN/G board is capable of sending event-related e-mails automatically. Each e-mail can be associated with a subject, an attachment and a text message. The attachment can be of any kind and is saved to an SD card. The message text can contain direct links to domains or IP addressable devices, such as a security cameras. In addition to e-mails, the SmartLAN/G board offers users global access to their control panels via any Internet browser accessed through a PC, tablet or smartphone. In fact, the SmartLAN/G has an integrated webserver capable of distinguishing the means of connection and as a result provides an appropriate web-page for the tool in use. The SmartLAN/G webserver adopts the AlienMobile user interface, which is a replica of the Alien keypads. This is a great advantage for the user, who finds an immediately recognizable environment, where is possible to do any desired operation instantly without having to learn new commands and navigation paths. The interface shows a modern and attractive design, fits all display sizes and has vertical/horizontal auto-adjustement. Smartphones, tablets and PCs can control the system in much the same way as a household keypad, from inside the house or from any part of the world. Controlling the system from this virtual keypad is quick and easy as it is an exact replica of the one the user has on their real system, allowing users to manage partitions and zones, view the timers, events log and much more. The SmartLAN/G web server provides a virtual keypad that allows users to interact directly with their control panel and system keypads from anywhere in the world.
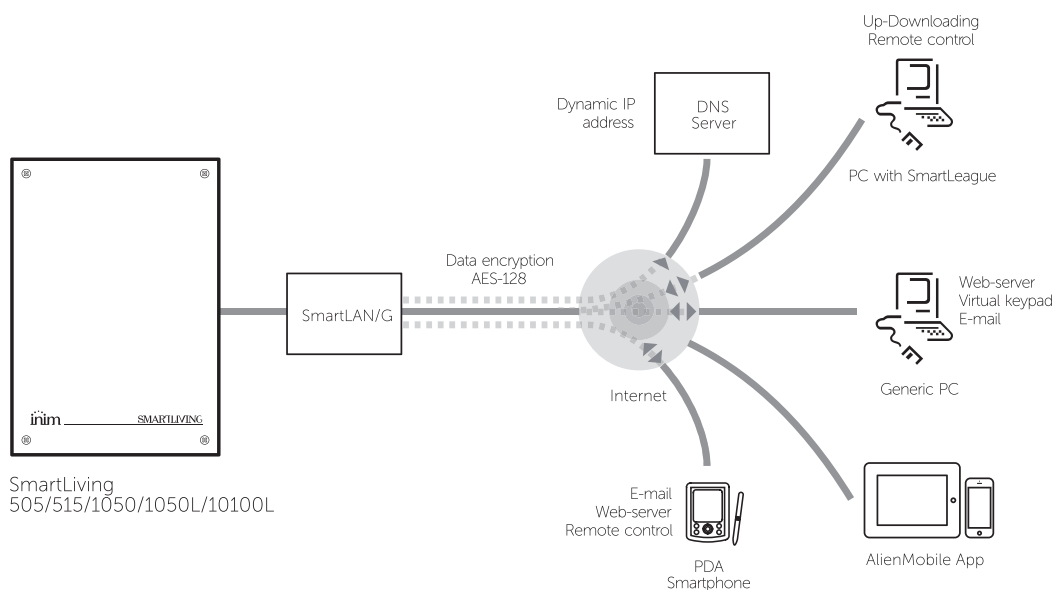
The SmartLAN/G provides graphic map capabilities which, starting from a background image, allows the creation of interactive maps with buttons and customizable icons that identify the objects in a clear and simple way and thus allow intuitive interaction with the system. The inter-map connection function allows you to build a tree structure for fast navigation through the various maps.

Moreover, the SmartLAN/G offers support to JPEG and MJPEG streaming for webcams used for video verification purposes. The SmartLAN/G is capable managing ONVIF cameras. This capability allows the SmartLAN/G to use various presets for each camera in accordance with the alarm type and, when required, attach to the notifying e-mail, the pre-trigger and post-trigger images relating to the notified event. The web server also allows remote management of PTZ cameras.

Both user and installer codes can access the system. This feature provides installer companies with trouble-free access to all their systems, and allows operators to view/change the connected control-panel parameters via Internet without the need of any specific INIM software application. SmartLAN/G, finally, gives full access to the functions of the SmartLiving system also through the AlienMobile App for smartphones and tablets.

Up-Downloading
Remote control

Data encryption
(proprietors)

SmartLAN/SI

Internet

PC with SmartLeague

SmartLiving
505/515/1050/1050L/10100L

AlienMobile App

SmartLAN/G equipped SmartLiving system

Up-Downloading
Remote control

Dynamic IP
address

DNS
Server

PC with SmartLeague

Data encryption
AES-128

SmartLAN/G

Web-server
Virtual keypad
E-mail

Generic PC

Internet

E-mail
Web-server
Remote control

PDA
Smartphone

AlienMobile App

SmartLiving
505/515/1050/1050L/10100L

Main features

	SmartLAN/G
Plug-in mounting to motherboard	Yes
Encrypted data	AES-128bit
Connection to LAN Ethernet 10-100 Base T	Yes
System programming and control over IP using SmartLeague software	Yes
Static IP address management	Yes
Dynamic DNS management	Yes
Multi-connection management	Up to 10
SIA-IP protocol digital communicator	Yes
Sends e-mails with attached files and SSL support	Yes
SD card connector	Yes
Attached files saved to SD card (not included)	Yes
Manages SD card memory	32GB
Network time synchronization	Yes
UPNP	Yes

Web server functions for PCs, Tablets and Smartphones:
    Virtual keypad with AlienMobile user interface
    Scenarios management
    Zone management
    Partition management
    Interactive and customizable maps
    ONVIF webcams
      - Live webcam management
      - Video event list/email
    View timer option
    View events log option
	Yes

Manages AlienMobile App	Yes
Dimensions (HxWxD)	54x81x30mm
Weight	40g

SmartLAN/G: ethernet interface for connections to the Internet via TCP/IP protocol, sends e-mails, provides web-server function and SIA-IP protocol digital communicator.