SMARTLIVING

EN 50131-1
EN 50131-3
EN 50131-6
EN 50131-10
EN 50136-1
EN 50136-2
EN 50130-4
EN 50130-5
CEB T014

WIRELESS KEYPAD WITH LCD GRAPHIC DISPLAY

Control panel models

The control panel SmartLiving system is offered in 5 versions, all in metal enclosures.
SmartLiving505, **SmartLiving515** and **SmartLiving1050** with housing for a 7Ah battery, **SmartLiving1050L** and **SmartLiving10100L** with housing for a 17Ah battery.
The application range of this system spans from just five terminals with the "505" version, to a hundred terminals with the "10100" version.
The five control panel models are certified EN50131-3 Grade 3 and EN50131-6 Grade 2.
There are three certified Grade 3 ("**G3**") models also for EN50131-6 certification.

The technologies and the BUS

The **FlexIO** technology evolutionizes the static perspective of inputs and outputs and provides the installer with a more adaptable approach to system customization and what is more, a different perception of in-stock needs. SmartLiving allows the mapping of the terminals that distributes the available terminals on the peripherals (keypads and expansions) without "losing" the unused terminals.
Application of **Easy4U** technology provides installers and end users the concept of "shortcuts" that makes system control effortless and greatly simplifies system programming, which is fully piloted by this straightforward interface.
Inim's **I-BUS** is capable of managing complex topologies, providing fast-load-insensitive response and end-to-end noise immune voice transmissions, all without need of any extra wiring.
The voice board **SmartLogos30M** offers voice over bus transmissions thanks to **VoIB** technology.
The bus accepts proximity readers, keypads with graphic displays, input/output expansions, wireless transceivers, GSM diallers and sounderflashers. The SmartLiving system is capable of enrolling all the bus peripherals automatically, thus further smoothing the process of system configuration.
The I-BUS can be protected, sectioned and regenerated by means of **IB200** bus isolators/regenerators.

System functions, features and options

The SmartLiving control panels allows the correlation of the actions and **events** the system manages. Each of the system events can be associated with output actions, voice dialler actions and digital dialler actions.
The system can be accessed by user **codes** and proximity keys/cards. Each code/key/card has its own accesses to the partitions and the functions of the system. It is possible to associate each code with one of the timers which can then be programmed to enable/disable it at certain times of the day.
The system is capable of managing both hardwired and **Air2**"Air2" wireless peripherals. This type of configuration allows it to integrate the new-generation wireless capabilities provided by the "Air2" two-way transceiver.
The system offers an all-set-to-go Voice dialler and a likewise friendly Digital dialler that readily satifies all the requirements of alarm receiving centres.
The SmartLiving system can also be accessed and controlled over-the-phone (PSTN) via the **SmartModem100** and **SmartModem200** modems.
If you wish to provide the system with an alternative communication channel over the GSM network, it is possible to use the **Nexus**. These GSM devices manage voice and digital communications, receives SMS commands and sends programmable SMS messages when specific events occur. The models **Nexus/G** and **Nexus/3G** allow remote programming and supervision of the control panel over the GPRS connection and communication with alarm receiving centres via SIA-IP protocol.
The **SmartLAN/SI** or **SmartLAN/G** optional boards provide TCP/IP connectivity. They allow end users/operators to access the system via the Internet and provide a web-server function. The latter allows end users/operators to connect to the control panel from any PC and verify the status of the system and interact with it.
The web server offers advanced features such as customizable interactive graphic maps, or the possibility to access ONVIF video verification functions.
In addition, all SmartLiving control panels are ready for **Cloud** connectivity. Through the use of a device as Nexus/G, Nexus/3G, SmartLAN/G or SmartLAN/SI, the SmartLiving panels can access to the revolutionary Inim Cloud service, which allows advanced management functionalities via the web. The connection of the control panels to the Cloud is "plug 'n play", that means that they do not require any configuration on the network on which they are installed. In this way all the control panel management is easily accessible from the web via browser and via app AlienMobile+ for smartphone and tablet.
The control panel can be programmed from any LCD keypad or via a PC running **SmartLeague** SmartLeague software.
Programming from an LCD keypad is quick and easy, as it is possible to use the default settings which completely eliminate the need to configure the parameters of the Voice dialler and Digital dialler.
The high-speed RS232 port reduces local on-site programming to a split-second task.

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Main features of SmartLiving systems

		SMARTLIVING			
	505	515	1050 1050/G3	1050L 1050L/G3	10100L 10100L/G3
Hardware characteristics					
Maximum number of terminals in the system Number of mappable or relocatable terminals in the system	5 5	15 15	50 50		100 100
On-board terminals (which can be configured as input/output)	5 (0)	5 (0)	10 (5)		10 (5)
Programmable relays on the main board	1	1	1		1
Programmable open-collector outputs on the main board	2 (150mA)		2 (500mA)		
Manageable partitions	5		10		15
Relay and power-diffusion board (AuxRel32)	-	-	-	Yes	
IP Connectivity management (using SmartLAN/SI and SmartLAN/G)	Yes				
Digital communicator with SIA-IP protocol (options SmartLAN/SI, SmartLAN/G, Nexus/G)	Yes				
Housing for Flex5 expansion board in the enclosure	-	-	-	Yes	
Housing for Nexus GSM device in the enclosure	Yes				
Power supply	1.2A	1.2A	3A		5A
RS232 port	Yes				
Power charge monitored by temperature probe (ProbeTh accessory item)	Yes				
Battery efficiency test	Yes				
Reprogrammability of control panel firmware	Yes				
Peripheral-firmware upgrading capability via control panel	Yes				
Housing	Metal enclosure				
Battery housing	7Ah		2x17Ah		
Dimensions (HxWxD):	305x215x82 mm		497x379x92 mm		
Weight (without battery)	2.5 Kg	2.5 Kg	2.2 Kg	5.1 Kg	5.3 Kg
Devices on I-Bus					
Peripheral self-learning on the I-Bus	Yes				
Keypads [1]	10		15		15
nBy proximity readers [2]	10		20		30
Flex5 5-terminal expansion boards	4	10	20		40
Sounderflashers (Ivy-B)	10				
Air2 transceivers (with automatic channel search)	4	10	20		30
Nexus dialer	1				
Air2 series wireless devices					
MC200 and MC300 magnetic contacts, XIR200W infrared detectors, XDT200W and DT200T dual tech detectors, FD100 smoke detectors UT100 universal transceivers,OTT100W e ODI100W outdoor detectors	5	15	50		100
ARIA/W wireless keypads for each BS200	4				
HEDERA wireless sounderflashers for each BS200	4				
Remote control keyfobs (KF100, KF-Pebble, KF-Ergo) [3]	50		100		150
Authentication					
Installer codes	2				
User codes (with associated timers)	30		50		100
nKey tag or nCard proximity card (with associated timers)	50		100		150
Telephone communication					
Telephone contact numbers	15				
Phone line availability check	Yes				
Automatic voice communicator (SmartLogos30M option, see also voice functions)	Yes				
Integrated automatic digital-dialer (ContactID, SIA, pulses)	Yes				
Integrated remote programming modem	Yes				
Input terminals (zones)					
Self-learning of zone balancing •	Yes				
Management of two separate zones on each input terminal	Yes				
Input terminals on the control panel for shock and roller blind sensors	2				
Input terminals on keypad for shock and roller blind sensors	2 for Joy and Aria/HG, 1 for nCode and Concept				
Input terminals on expansion board for shock and roller blind sensors (out of 5 available as input/output)	4				
Thresholds of programmable input zones	Yes				
Calibration of input thresholds •	Yes				

Main features of SmartLiving systems

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Additional functions with optional components

Advanced voice functions with SmartLogos30M board	Yes
GSM functions with Nexus, Nexus/G and Nexus/3G modules	Yes
GPRS functions and SIA-IP connectivity with Nexus/G and Nexus/3G modules	Yes
TCP-IP connectivity with SmartLAN/SI board	Yes
TCP-IP connectivity and web-server functions with SmartLAN/G	Yes
Management via AlienMobile, AlienMobile+, InimTech Security apps with smartphone or tablet	Yes
Inim Cloud services	Yes

Other features

	505	515	1050 / 1050L	10100L
Weekly timer with two time slots per day (each with 15 exception periods)		10		20
Manual, daily and weekly programmable thermostats with antifreeze feature (Joy/MAX, Alien/S, Alien/G, Air/HG)	5		10	15
Programmable events with timer and counter management	10		30	50
Management of summer/winter time		Yes		
Programmable arming scenarios (settings for partition status)		30		
Programmable output scenarios		50		
Types of shortcuts for immediate actions		38		
Programmable icons		50		
Number of events that can generate actions	417	487	902	1497
Recordable events		500		1000
Choice of events to memorize		Yes		
Compressed event storage		Yes		
Management of shortcuts via function keys (12) and number keys (10) on keypads		Yes		
Management of shortcuts via LEDs (4) on nBy readers		Yes		
Event-based action generation matrix		Yes		
Generation of action when the event occurs		Yes		
Generation of action when the event restores		Yes		
Zone test from keypad		Yes		
User-friendly programming software (runs under Windows)		Yes		

• Patent Pending.

Certifications

	505	515	1050	1050/G3	1050L	1050L/G3	10100L	10100L/G3
EN50131-3	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3
EN50131-6	Grade 2	Grade 2	Grade 2	Grade 3	Grade 2	Grade 3	Grade 2	Grade 3

[1] The sum of the keypads on the I-BUS and wireless keypads must be <= 10, 15, 15.
[2] The sum of the nBy readers, the BS200 transceivers and of the readers integrated in the keypads must be <= 10, 20, 30.
[3] The sum of the remote-control keyfobs and tags must be <= 50, 150, 150.

Control panels
SmartLiving505
SmartLiving515
SmartLiving1050

305

215

81.5

265

175
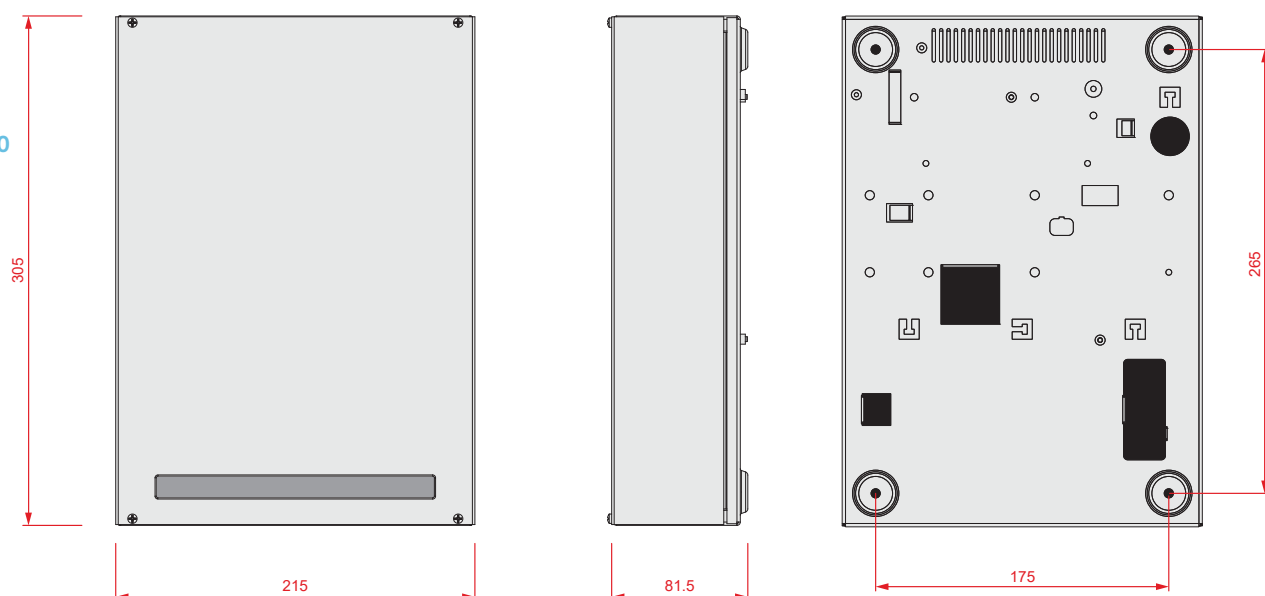
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Control panels
SmartLiving1050L
SmartLiving10100L

497
379
92
442
255
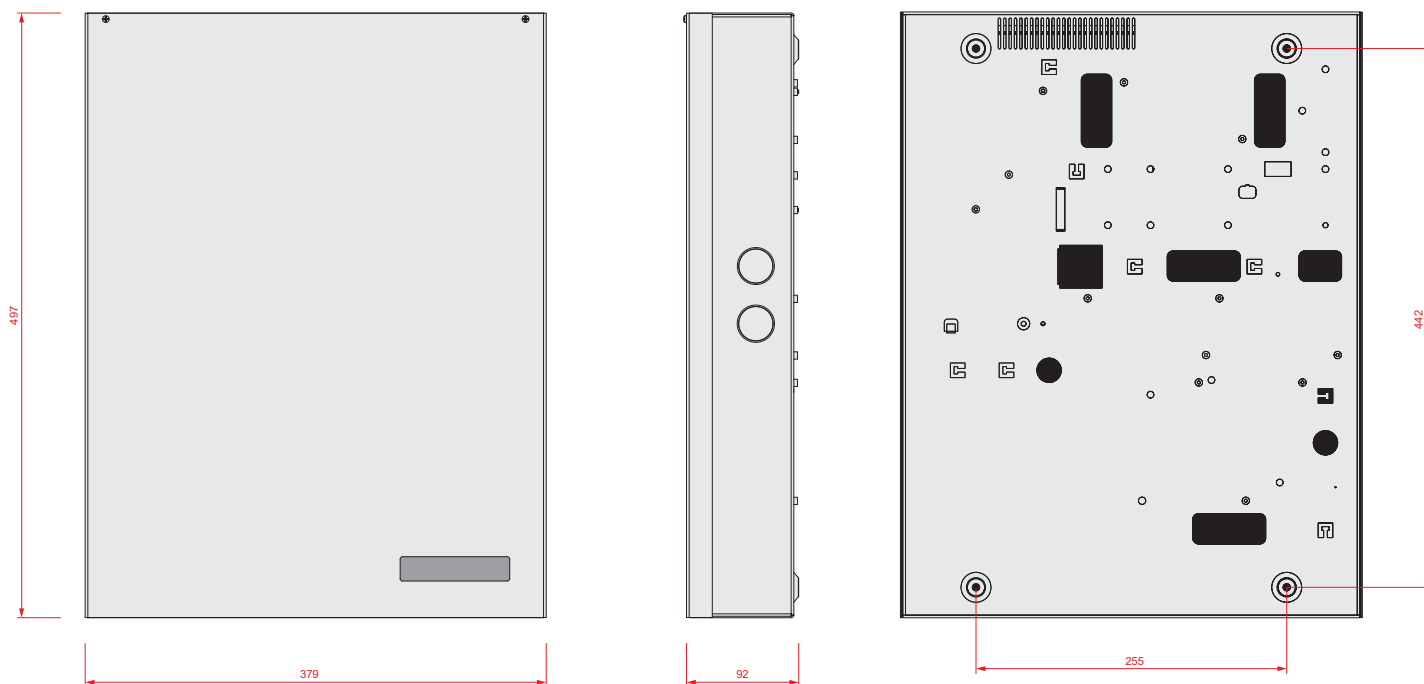
ORDER CODES

SmartLiving505: intrusion control panel with 5 terminals, 5 partitions, 1.2A power supply, optional connectivity over GSM/GPRS and TCP/IP.

SmartLiving515: intrusion control panel with 5 to 15 terminals, 5 partitions, 1.2A power supply, optional connectivity over GSM/GPRS and TCP/IP.

SmartLiving1050: intrusion control panel with 10 to 50 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP.

SmartLiving1050L: intrusion control panel with 10 to 50 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP.

SmartLiving10100L: intrusion control panel with 15 to 100 terminals, 10 partitions, 5A power supply, optional connectivity over GSM/GPRS and TCP/IP.

SmartLiving1050/G3: intrusion control panel with 10 to 50 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP. EN50131-6 grade 3 certified.

SmartLiving1050L/G3: intrusion control panel with 10 to 50 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP. EN50131-6 grade 3 certified.

SmartLiving10100L/G3: intrusion control panel with 10 to 100 terminals, 15 partitions, 5A power supply, optional connectivity over GSM/GPRS and TCP/IP. EN50131-6 grade 3 certified.

Inim distributor's stamp
and signature