

Anti-intrusion control panels

Control panel models

The control panel SmartLiving system is offered in 5 versions, all in metal enclosures.

The **SmartLiving505**, **SmartLiving515** and **SmartLiving1050** versions all have metal cabinets capable of housing one 7Ah battery, whereas the **SmartLiving1050L** and **SmartLiving10100L** have larger metal cabinets capable of housing two 17Ah batteries.

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** 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 satisfies all the requirements of alarm receiving centres.

Additionally, if you wish to provide the system with an alternative communication channel over the GSM network, simply install **Nexus**. These GSM devices manage voice and digital communications, receive SMS commands and send programmable SMS messages when specific events occur. The **Nexus**, **Nexus/G** and **Nexus/4G** allow remote programming and supervision of the control panel over the GSM, GPRS and LTE 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.

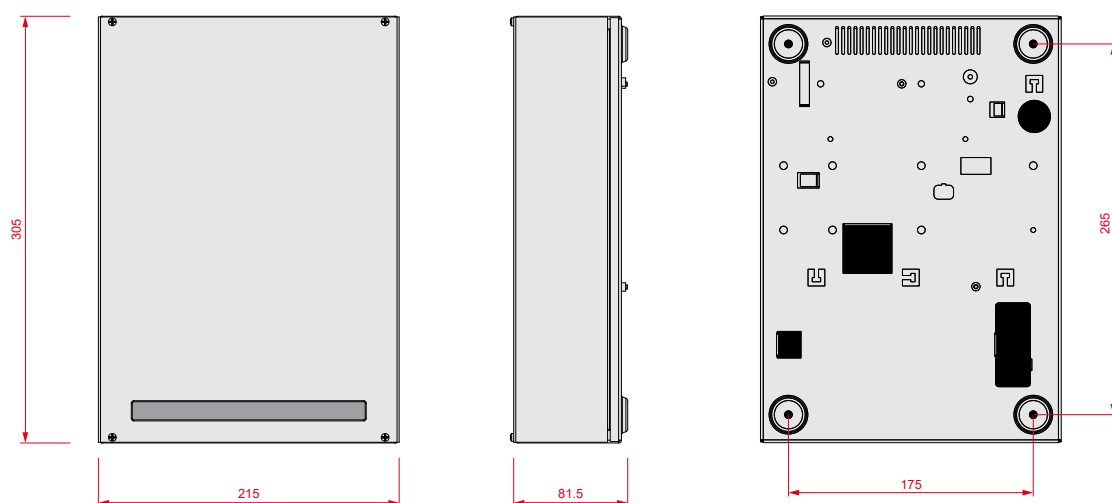
The web server offers advanced features such as customizable interactive graphic maps, or the possibility to access ONVIF video verification functions.

In addition, all SmartLiving control panels are ready for **Cloud** connectivity. Through the use of a device as Nexus/G, Nexus/4G, 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 **InimHome** app for smartphone or tablet.

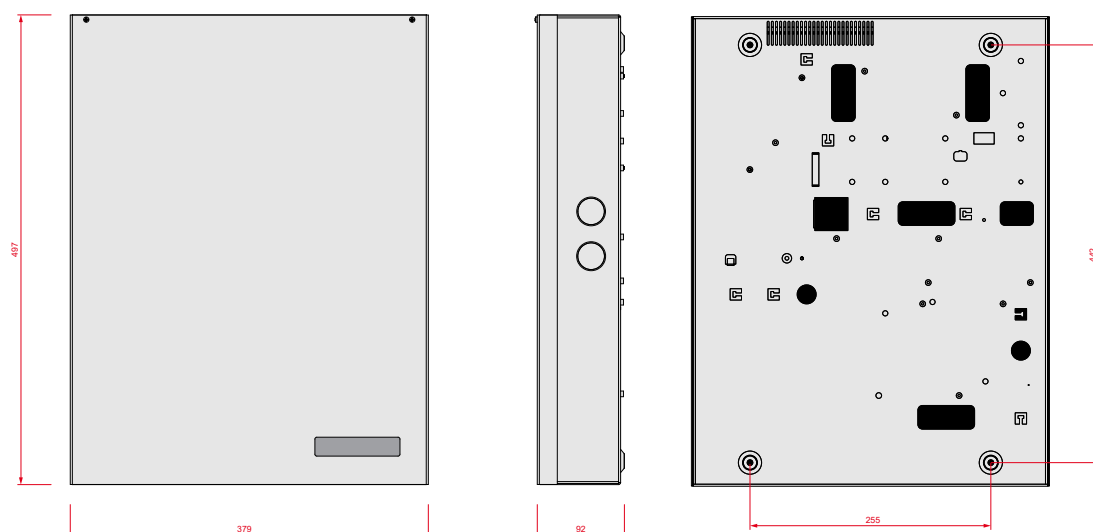
The control panel can be programmed from any LCD keypad or via a PC running **SmartLeague** software. System management is also possible via the **InimTech Security** app (for installers), featuring push notifications, geolocation of control panels, fault reporting, and multi-panel and multi-platform functions.

DIMENSIONS

SmartLiving505
SmartLiving515
SmartLiving 1050



SmartLiving1050L
SmartLiving 10100L



MAIN FEATURES OF THE SMARTLIVING SYSTEMS

HARDWARE FEATURES	505	515	1050 1050/G3	1050L 1050L/G3	10100L 10100L/G3
Maximum number of terminals in the system	5	15		50	100
Number of mappable or relocatable terminals in the system	5	15		50	100
Onboard terminals (which can be configured as input/output)		5 (0)		10 (5)	
Programmable relays on the main board			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 (SmartLAN/SI, SmartLAN/G, Nexus/G and Nexus/4G options)			Yes		
Housing for Flex5 expansion board in the enclosure		-			Yes
Housing for Nexus GSM device in the enclosure			Yes		
Power supply	1,2A			3A	5A
RS232 port			Yes		
Power charge monitored by temperature probe (ProbeTh accessory item)			Yes		
Battery efficiency test			Yes		

MAIN FEATURES OF THE SMARTLIVING SYSTEMS

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Reprogrammability of control panel firmware			Yes		
Peripheral-firmware upgrading capability via control panel			Yes		
Housing			Metal enclosure		
Battery housing		7 Ah		2x17 Ah	
Dimensions (HxWxD)		305x215x82 mm		497x379x92 mm	
Weight (without battery)	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	
nBy proximity readers manageable ²	10		20		30
Flex5 5-terminal expansion boards manageable	4	10	20		30
Sounder/flashers			10		
Air2 transceivers manageable (with automatic channel search)	4	10	20		30
Nexus dialer			1		
AIR2 SERIES WIRELESS DEVICES					
Magnetic contacts, Infrared detectors, Dual technology detectors, Smoke detectors, Universal transmitter, Outdoor detectors	5	15	50		100
Wireless keypads for each Air2-BS200			4		
Hedera wireless sounder/flashers for each Air2-BS200			4		
Remote-control keyfobs ³	50		100		150
AUTHENTICATION					
Installer codes			2		
User codes (with associated timers)	30		50		100
Proximity keys/cards (with associated timers)	50		100		150
TELEPHONE COMMUNICATION					
Telephone numbers			15		
Phone line availability check			Yes		
Automatic voice communicator (SmartLogos30M option with voice functions)			Yes		
Integrated automatic digital communicator (ContactID, SIA, pulses)			Yes		
INPUT TERMINALS (ZONES)					
Self-learning of zone balancing ⁴			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 or 1, according to model			
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 ⁴			Yes		
ADDITIONAL FUNCTIONS WITH OPTIONAL COMPONENTS					
Voice functions with SmartLogos30M board			Yes		
GSM functions with Nexus module			Yes		
GPRS functions and SIA-IP connectivity with Nexus-G and Nexus/4G modules			Yes		
LTE connection with Nexus/4G modules			Yes		
TCP-IP connectivity with SmartLAN/SI board			Yes		
TCP-IP connectivity and web-server functions with SmartLAN/G			Yes		
Management via InimHome and InimTech Security apps			Yes		
Inim Cloud services			Yes		

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, of the Air2-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, 100, 150.

⁴ Patent pending

OTHER FEATURES

	505	515	1050 1050/G3	1050L 1050L/G3	10100L 10100L/G3
Weekly timer with two time slots per day (each with 15 exception periods)		10			20
Manual, daily, weekly chronothermostats with antifreeze	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		

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

ORDER CODES

SMARTLIVING505	Anti-intrusion control panel with 5 terminals, 5 partitions, 1.2 A power supply
SMARTLIVING515	Anti-intrusion control panel from 5 to 15 terminals, 5 partitions, 1.2 A power supply
SMARTLIVING1050	Anti-intrusion control panel from 10 to 50 terminals, 10 partitions, 3 A power supply
SMARTLIVING1050L	Anti-intrusion control panel from 10 to 50 terminals, 10 partitions, 3 A power supply
SMARTLIVING10100L	Anti-intrusion control panel from 10 to 100 terminals, 15 partitions, 5 A power supply
SMARTLIVING1050/G3	Anti-intrusion control panel from 10 to 50 terminals, 10 partitions, 3 A power supply EN50131-6 grade 3 certified
SMARTLIVING1050L/G3	Anti-intrusion control panel from 10 to 50 terminals, 10 partitions, 3 A power supply EN50131-6 grade 3 certified
SMARTLIVING10100L/G3	Anti-intrusion control panel from 10 to 100 terminals, 15 partitions, 5 A power supply EN50131-6 grade 3 certified



Evolving Protection

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