

SmartLiving 505|515|1050|1050L|10100L 1050/G3|1050L/G3|10100L/G3



SmartLiving505 board



SmartLiving515 board



SmartLiving1050 board



SmartLiving10100 board

The control panel versions

The control panel is the heart of the SmartLiving system.

Inim offers 5 versions, all in metal enclosures: SmartLiving505, SmartLiving515 and SmartLiving1050 with housing for a 7Ah battery, and SmartLiving1050L and SmartLiving10100L with housing for a 17Ah battery.

The vast 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.

Innovative BUS technologies

A particularly interesting feature is the new concept of "terminals" attributable to FlexO technology. This concept revolutionizes 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.

Application of Easy4U technology provides installers and end users alike with all the advantages of an uncomplicated yet effective interface.

The innovative concept of "shortcuts" makes system control effortless and greatly simplifies system programming, which is fully piloted by this straightforward interface.

Inim's new-generation I-BUS is the backbone of the SmartLiving system. The I-BUS is capable of transmitting at an extremely high speed, unmatched in this market segment. The performance capabilities of the I-BUS have been utilized in such a way as to allow it to manage complex topologies, provide fast-load-insensitive response and end-to-end noise immune voice transmissions, all without need of any extra wiring.

Thus, from this new-generation bus came VoB technology for voice over bus transmissions. The I-BUS allows the SmartLiving system to grow in accordance with installation needs. 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 IB100 bus isolators/regenerators.



System functions, features and options

The control panel can be enhanced with a SmartLogos board. As a result of VoIB technology, this board provides a vast assortment of advanced voice functions which make the SmartLiving system a breakthrough product in the sector of intrusion control. The matrix is the brain of the system and 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. It is possible to associate each code/key/card with one of the Weekly Timers which can then be programmed to enable/disable it at certain times of the day.

The smartLiving system can be configured as a "hybrid" system in view of the fact that it 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 excellence of connection flexibility offered by the SmartLiving system is yet another of its strongpoints. 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. The SmartLiving system can also be accessed and controlled over-the-phone (PSTN) via the SmartModem100. Additionally, if you wish to provide the system with an alternative communication channel over the GSM network, simply install Nexus. This innovative GSM device manages voice and digital communications, receives SMS commands and sends programmable SMS messages when specific events occur.

The SmartLAN/SI and SmartLAN/G boards offer a level of connection flexibility which is unparalleled. These boards provide TCP/IP connectivity and allow the intrusion control panel to send e-mails and attachments. 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, embedded in the SmartLAN/G, also allows users/operators to use their Smartphones as SmartLiving wireless keypads, both inside the protected premises, via WiFi, or from any part of the world over GPRS. The web server offers advanced features such as customizable interactive graphic maps, or the possibility to access ONVIF video verification functions.

The control panel can be programmed from any LCD keypad or via a PC running 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. This programming method is very straightforward, as the operator is guided through the process by means of explicit graphics and easily understandable visual instructions. Configuring the system from a PC is totally trouble free, as it is mainly a series of cut-and-paste and drag-and-drop operations which reduce the operators work to a minimum. SmartLeague software provides an innovative Text-to-speech function which allows operators to create voice messages by merely typing-in the relative text. This function eliminates all the difficulties attached to normal voice recording. The high-speed RS232 port reduces local on-site programming to a split-second task.

Main features of SmartLiving Systems

	SMARTLIVING				
	505	515	1050 1050/G3	1050L 1050L/G3	10100L 10100L/G3
Hardware features					
Number of terminals supported by the system	5	15	50		100
Number of terminals available for mapping and relocation	5	15	50		100
Terminals on motherboard (configurable as inputs or outputs) -	5 (0)	5 (0)	10 (5)		10 (5)
Programmable relay on motherboard	1	1	1		1
Number of programmable open-collector outputs on motherboard	2 (150mA)		2 (500mA)		
Number of partitions available	5		10		15
Relay and power-diffusion board (accessory item)	-	-	-	Yes	
IP Connectivity management (using SmartLAN)	Yes				
Digital communicator with SIA-IP protocol (options SmartLAN/SI, SmartLAN/G, Nexus/G)	Yes				
Flex5 expansion board housing	-	-	-	Yes	
GSM device housing	Yes				
Power supply	1.2A	1.2A	3A		5A
RS232 Port	Yes				
Power charge monitored by temperature probe (ProbeTh accessory item)	Yes				
Battery test circuit	Yes				
Control-panel firmware upgrading capability	Yes				
Peripheral-firmware upgrading capability via control panel	Yes				
Enclosure	Metal				
Battery housing	7Ah			2x17Ah	
Dimensions (HxWxD)	305x220x80 mm			500x380x95 mm	
Weight without battery	2.5 Kg	2.5 Kg	2.2 Kg	5.1 Kg	5.3 Kg
I-Bus devices					
I-BUS peripherals enrolled automatically	Yes				
Number of Joy, nCode/G and Concept/G keypads supported	5		10		15
Number of nBy readers supported	10		20		30
Number of Flex5 5-terminal Expansions supported	4	10	20		40
Ivy-B Sounderflasher	10				
Air2 Wireless Transceivers supported (with automatic channel search)	4	10	20		30
Nexus GSM/GPRS module	1				
Air2 wireless devices					
MC100 and MC200 magnetic contacts, IR100 and XIR200W infrared detectors, XDT200W and DT200T dual tech detectors, FD100 smoke detector	5	15	50		100
Wireless keyfobs (KF100)	50		100		150
Authentication					
Installer access codes	2				
Number of user-access codes (can be controlled by timers)	30		50		100
Number of nKey Tags or nCards card (can be controlled by timers)	50		100		150
Telephone communications					
Telephone contact numbers	15				
Telephone line check	Yes				
Automatic voice dialer (SmartLogos30M option, refer to Voice functions)	Yes				
Integrated automatic digital-dialer	Yes				
Integrated remote programming modem	Yes				
Input terminals					
Auto-learning of zone-balance •	Yes				
Zone doubling (each input manages 2 zones)	Yes				
Input terminals for shock and rollerblind sensors on control panel	2				
Number of input terminals for shock and rollerblind sensors on keypad	2 on Alien, 2 on Joy, 1 on Concept				
Number of input terminals for shock and rollerblind sensors on expansion boards configurable as inputs or outputs	4				
Programmable input-zone thresholds	Yes				
Input threshold trimmer •	Yes				

Operating principles and features of Smartliving system

	505	515	SMARTLIVING		
			1050 1050/G3	1050L 1050L/G3	10100L 10100L/G3
Voice functions on motherboard					
Keypad-to-keypad Intercom (Joy/MAX keypads)			Yes		
Remote Listen-in function with choice of location (Joy/MAX keypads)			Yes		
Voice functions on SmartLogos30M board (accessory item)					
Automatic-Answerphone function (customizable)			Yes		
Voice-memo slot (one message per Joy/MAX keypad)			Yes		
Local voice-prompt menu (customizable)			Yes		
Voice-prompt menu over-the-phone (customizable)			Yes		
Voice notifier on local keypads Joy/MAX, Alien/S and Alien/G			Yes		
Automatic Voice-dialer			Yes		
Message recording at Joy/MAX, Alien/S and Alien/G keypads			Yes		
Message recording from PC (using microphone or .wav)			Yes		
Message recording from PC (using text-to-speech function)			Yes		
Nexus and Nexus/G GSM functions					
Voice dialer over GSM Network			Yes		
Sends pre-edited and customizable SMS text messages for each event			Yes		
Programmable priority-management of PSTN and GSM channels for each event			Yes		
Activates control panel shortcuts via SMS text message or CallerID			Yes		
Answerphone and DTMF command management functions			Yes		
Automatic credit enquiry			Yes		
Voice, digital and SMS message Emergency communication			Yes		
Nexus/G functions					
SIA-IP protocol digital communicator			Yes		
Control panel programming and management via GPRS			Yes		
UCS2 character set management			Yes		
Other features					
Week-to-week timers (each with 15 'exception' periods) for automatic arming and enablement			10		20
Thermostats with manual, daily, weekly and antifreeze management (from 3.00 version)	5		10		15
Programmable timer-controlled events (4.00 version only)	10		30		50
Automatic daylight saving time			Yes		
Programmable scenarios (arming configurations)			30		
Shortcuts (one-stroke actions)			38		
Programmable icons			50		
Number of trigger events	410	480	890		1480
Rolling event buffer			500		1000
Events log filter			Yes		
Saves compact event details			Yes		
Manages shortcuts on function keys (12) and on numeric keys (10) on Joy and Concept keypads			Yes		
Shortcuts on LEDs (4) on nBy Readers			Yes		
Manages Events-Actions matrix			Yes		
Generates "start of" event-related actions			Yes		
Generates "end of" event-related actions			Yes		
Zone test from keypad			Yes		
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

ORDER CODES

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

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

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

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

SmartLiving10100L: intrusion control panel - 10 to 100 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP.

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

Certified EN50131-6 grade 3.

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

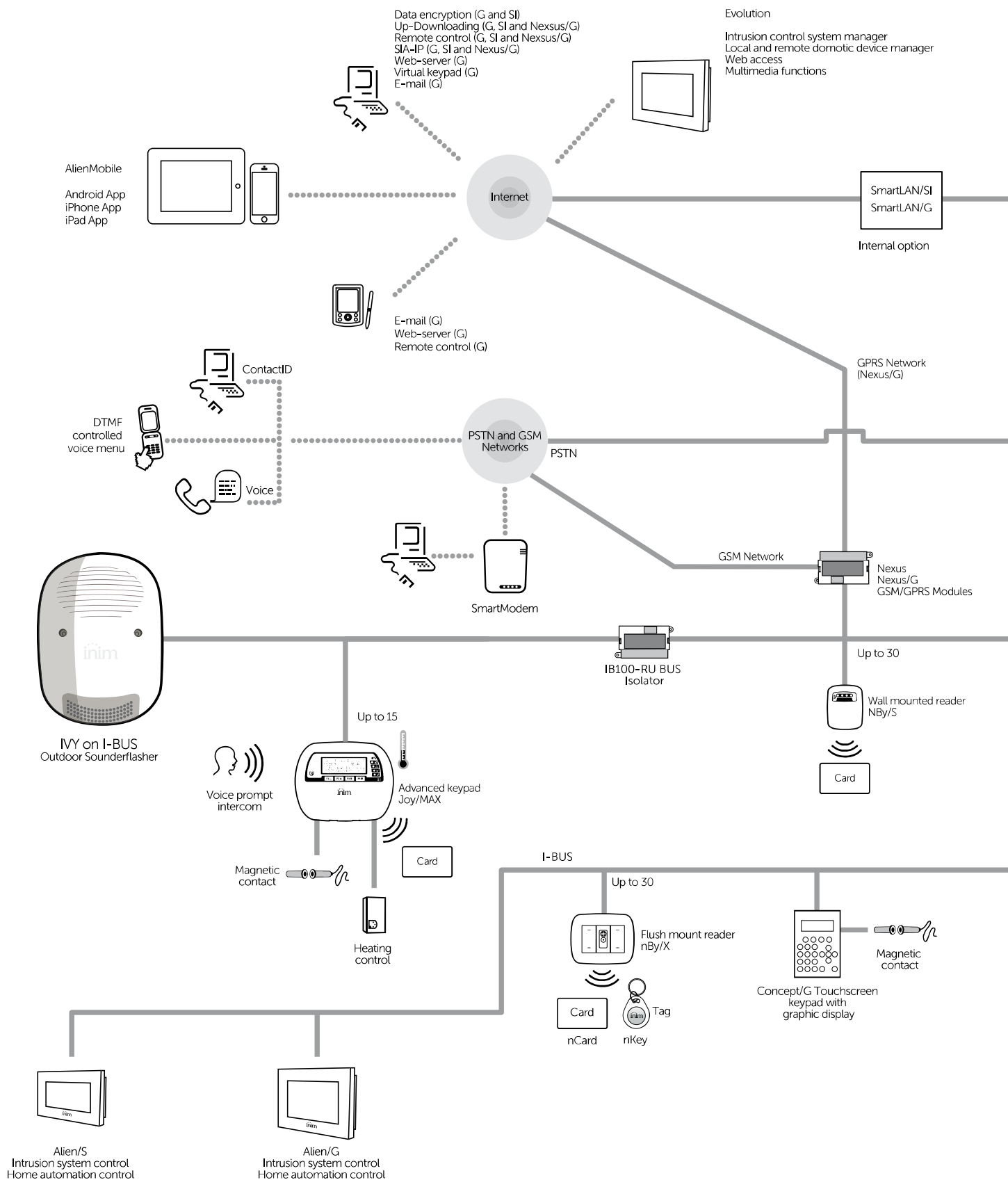
Certified EN50131-6 grade 3.

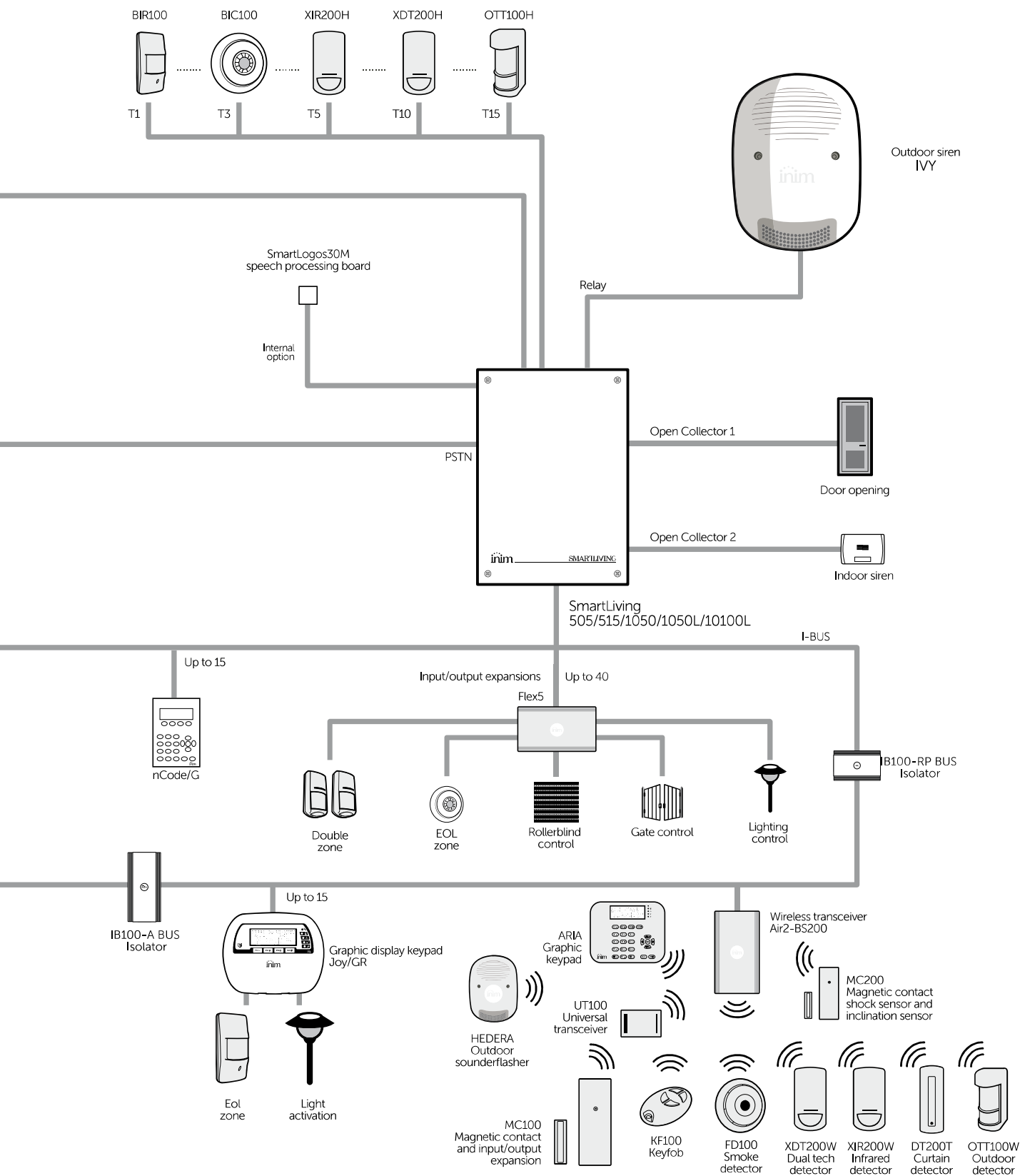
SmartLiving10100L/G3: intrusion control panel - 10 to 100 terminals, 10 partitions, 3A power supply, optional connectivity over GSM/GPRS and TCP/IP.

Certified EN50131-6 grade 3.

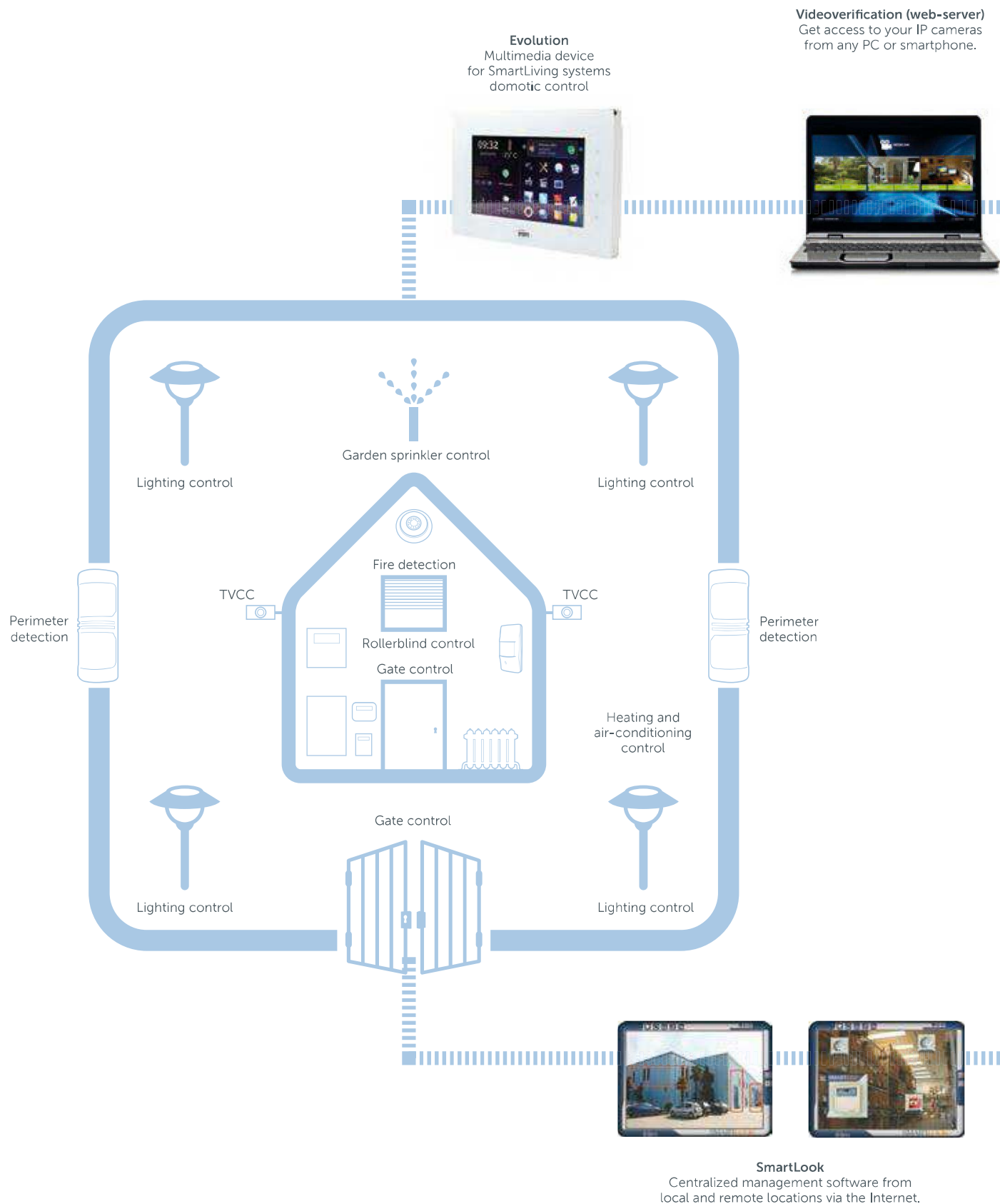
SLivingMAN-PROG: programming guide for SmartLiving systems.

SmartLiving System





SmartLiving System: home automation the Inim way





Virtual Keypad (webserver)
Reach your intrusion and home automation control panel from any PC via the internet.



AlienMobile
Android App
iPhone App
iPad App.



E-mail.
Receive emails and attachments from INIM intrusion, home automation or fire control panels on your PC or Smartphone.



Video
Click on the link and view the real-time webcam video.



Alien/S
4.3 inch touchscreen user interface.

LAN Network Internet Network



SmartLiving
Intrusion and home automation control panel.



IGKNX100
Gateway interface between SmartLiving systems and KNX systems.



Alien/G
7 inch touchscreen user interface.