# PRIME

## ANTI-INTRUSION CONTROL PANELS

## Control panel models

The Prime is available in 4 models (60 S - 60 L - 120 L - 240 L) capable of managing from 10 to 240 terminals, from 10 to 30 partitions and up to 4000 events in the memory. All control panel models are compatible with all existing Inim I-BUS peripheral devices.
The Prime guarantees certified safety at maximum level. The system complies with EN50131 Grade 3 and with EN50136 ATS-6.

- 4 models: 60 S - 60 L - 120 L - 240 L.
- From 10 to 240 terminals.
- Up to 30 partitions.
- Simultaneous management of wired and wireless devices.
- Up to 4,000 event memory capacity.
- EN50131 Grade 3 compliance for each model.
- Integrated LAN and USB interface.
- Compatibility with I-BUS devices.
- Metal enclosures for power supplies up to 6A.

## Control

- Firmware upgradeable in safety mode.
- Prime/STUDIO dedicated programming software.
- Guided user menu in the event of an alarm.
- Text driven programming menu.
- InimTech Security Installer App: push notifications, geolocation of control panels and faults, multicontrol-panel and multiplatform.
- AlienMobile User App: push notifications for security management and home automation.
- Peer-to-peer or multicontrol-panel and multi-platform Cloud management.

## Functions

- Voice functions: intercom, voice mailbox, guided menu, local dialler, environment listen-in.
- Home automation functions: lighting control with dimmer, chronothermostat, management of rollerblinds and motorizations, analogue outputs, timed activations.
- Management of intrusion-control and home-automation scenarios.
- Management  of outputs for dimmer 230Vac loads.
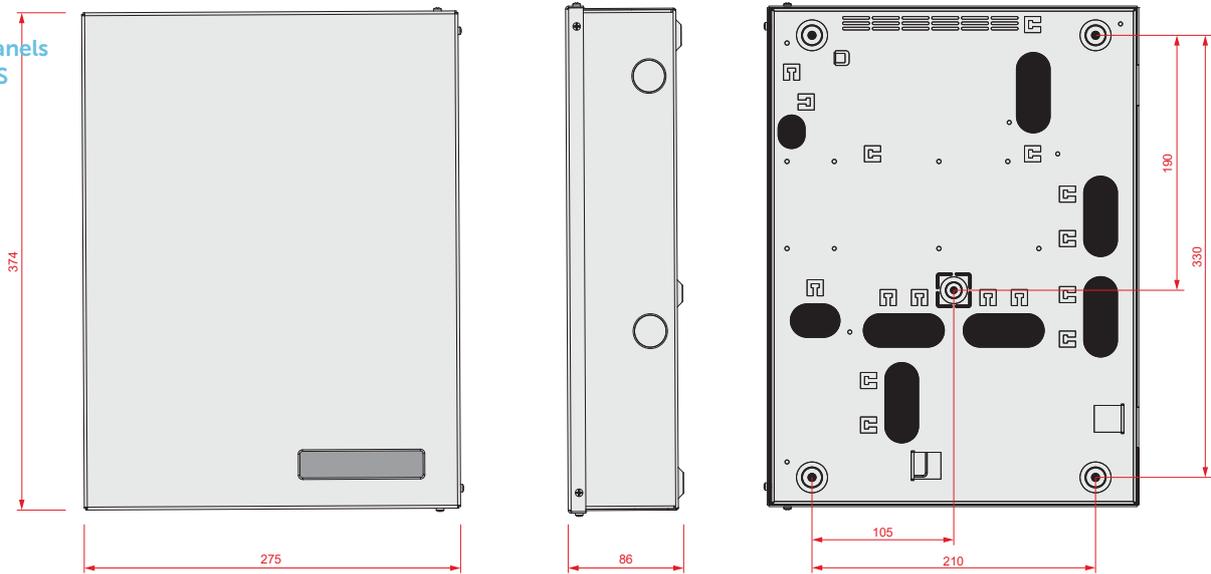- Video verification with Onvif cameras.
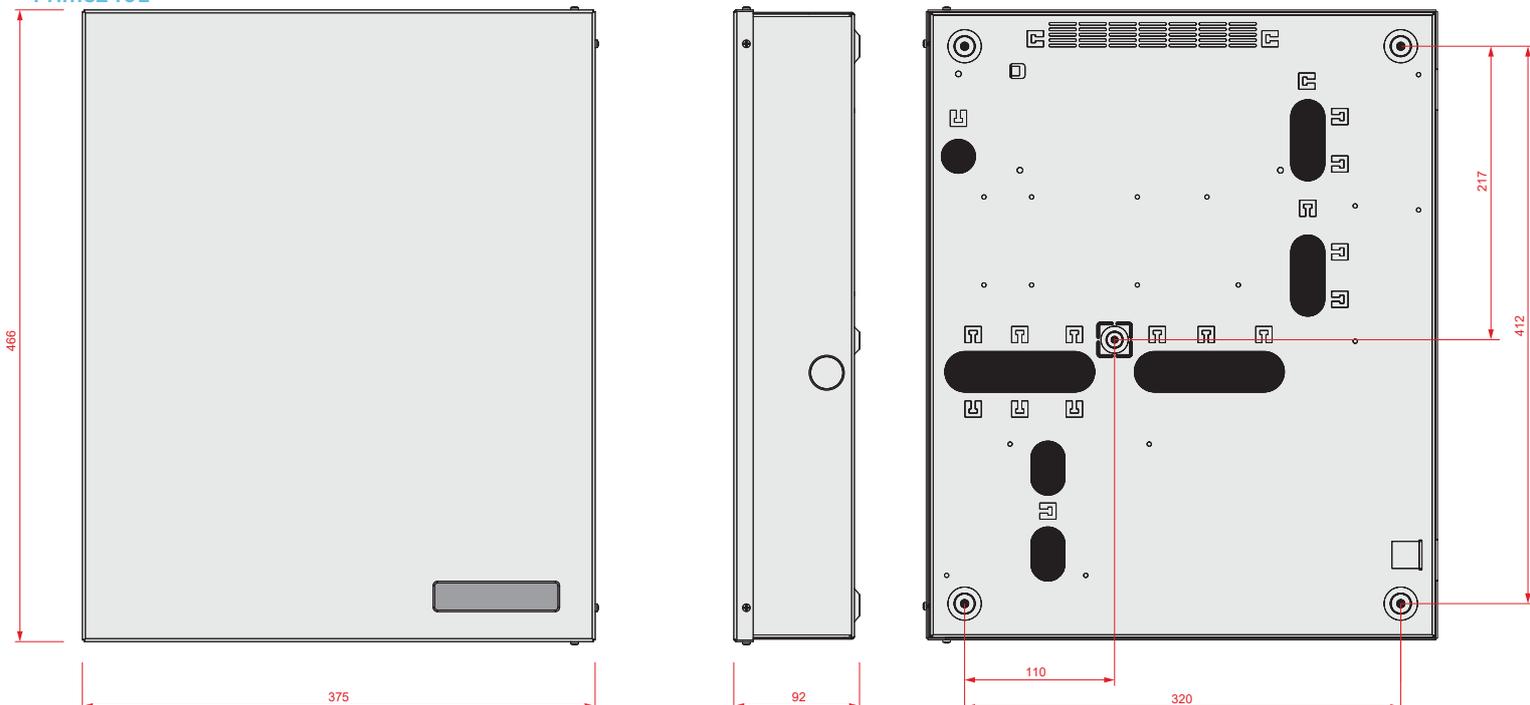
# PRIME

## Connectivity

The Prime is natively managed by Inim Cloud thanks to the network card on board the control panel. So you can just connect the control panel to the installation router and it will automatically reach INIM Cloud, cancelling, the procedures for connecting the control panel to the external world. Connection to INIM Cloud is not mandatory but guarantees a series of additional services for both the installer and the end user. Both will have Web access and will be able to manage their systems from any browser.

- Integrated on-board LAN connectivity with Inim Cloud services, DHCP, NTP and AES encryption.
- PSTN, GSM, GPRS, 3G connectivity with voice, digital, SMS dialler.
- Cloud connection via GPRS/3G and LAN with backup channel management.
- PrimeLAN board with webserver functions, graphic maps, e-mails, ONVIF video monitoring and KNX management over IP.
- Simultaneous transmission of events on Inim Cloud and other available PSTN, GSM channels.

**Control panels**
**Prime060S**



374    275    86    190    330    105    210

**Control panels**
**Prime060L**
**Prime120L**
**Prime240L**



466    375    92    217    412    110    320

## Main features of Prime systems

| | PRIME | | | |
|---|---|---|---|---|
| | 60 S | 60 L | 120 L | 240 L |
| **Hardware characteristics** | | | | |
| Maximum number of terminals in the system and number of mappable or relocatable terminals in the system[3] | 60** | | 120** | 240** |
| On-board terminals (which can be configured as input/output) | 10 (10) | | | |
| Programmable relays on the main board | Yes | | | |
| Programmable open-collector outputs on the main board | 2 | | | |
| Programmable 12V outputs | 2 (AUX 1, AUX 2) | | | |
| Manageable partitions | 10 | | 20 | 30 |
| Integrated IP connectivity | Yes | | | |
| Integrated SIA-IP digital communication standard | Yes | | | |
| Housing for Flex5 expansion board in the enclosure | Yes | | | |
| Housing for NEXUS device in the enclosure | Yes | | | |
| Power supply: maximum current for the system (battery not included) | 2.5 A | 5 A | | |
| Power supply: maximum current for battery recharge | 1.2 A | | | |
| USB port | Yes | | | |
| Battery-charge monitored by battery temperature sensor | Yes | | | |
| Battery efficiency test | Yes | | | |
| AlienMobile and AlienMobile+ User Apps for smartphones or tablets (Android/iOS) | Yes | | | |
| InimTech Security Installer App for smartphones or tablets (Android/iOS) | Yes | | | |
| Cloud functions with Inim Cloud services | Yes | | | |
| Reprogrammability of control panel firmware | Yes | | | |
| Battery housing | Yes | | | |
| Dimensions (HxWxD) | 27.5x37.4x8.6 cm | 37.5x46.6x9.2 cm | | |
| Weight (without battery) | 5 Kg | | | |
| **Devices on I-Bus** | | | | |
| Peripheral self-learning on the I-Bus | Yes | | | |
| Keypads [1] | 10 | | 15 | |
| nBy proximity readers | 20 | | 30 | |
| Flex5 5-terminal expansion boards | 40 | | | |
| Ivy sounder/flashers | 10 | | | |
| Air2 - BS200 transceivers (with automatic channel search) | 20 | | 30 | |
| Nexus dialer | 1 | | | |
| **Air2 series wireless devices** | | | | |
| MC200 and MC300 magnetic contacts, IR100 and XIR200W infrared detectors, XDT200W and DT200T dual technology detectors and FD100 smoke detectors [3] | 60 | | 120 | 240 |
| ARIA/W wireless keypad for each BS200 [1] | 4 | | | |
| HEDERA wireless sounderflashers for each BS200 | 4 | | | |
| Remote control keyfobs (KF100, KF-Pebble, KF-Ergo) [2] | 100 | | 150 | |
| **Authentication** | | | | |
| Installer codes | 2 | | | |
| User codes (with associated timers) | 50 | | 100 | |
| nKey tag or nCard proximity card (with associated timers) [2] | 150 | | | |
| **Telephone communication** | | | | |
| Telephone numbers | 15 | | | |
| Integrated Cloud channel | Yes | | | |
| Phone line availability check | Yes | | | |
| Automatic voice communicator (SmartLogos30M option, see also voice functions) | Yes | | | |
| Integrated automatic digital communicator (ContactID, SIA-IP, pulse) | Yes | | | |

** Total number obtained by adding up the hardwired terminals and the wireless terminals

# PRIME

## 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 | 10 |
| 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 |

• Patent pending

## 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 |
| Web-server, e-mail, ONVIF cameras, KNX IP standard with PrimeLAN board | Yes |

## Other features

| | | | |
|---|---|---|---|
| Weekly timer with two time slots per day (each with 15 exception periods) | 20 | | 40 |
| Manual, daily and weekly programmable thermostats with antifreeze feature (Joy/MAX, Alien/S, Alien/G, Air/HG) | 10 | 15 | |
| Programmable events with timer and counter management | 30 | 50 | 60 |
| Management of summer/winter time | Yes | | |
| Automatic date/time update with NTP | Yes | | |
| Programmable arming scenarios (settings for partition status and output status) | 30 | | 50 |
| Types of shortcuts for immediate actions | 38 | | |
| Programmable icons | 80 | | |
| Number of events that can generate actions | 2830 | | |
| Events that can be stored in the register | 4000 | | |
| Choice of events to memorize | 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 | | |

## Compliance

| | 60 S | 60 L | 120 L | 240 L |
|---|---|---|---|---|
| EN50131-3 | Grade 3 | | | |
| EN50131-6 | Grade 3 - AT56 | | | |

[1] The sum of the keypads on the I-BUS and wireless keypads must be <= 10, 15, 15.
[2] The sum of the remote-control keyfobs and tags must be <= 100, 150, 150.
[3] The sum of the hardwired and wireless terminals must be <= 60, 120, 240.

## ORDER CODES

**PRIME060S**: anti-intrusion control panel from 10 to 60 terminals, 10 partitions, 3.7A power supply, TCP-IP connectivity, GSM/GPRS connectivity optional and compliant with EN50131-6 and EN50131-3 Grade 3.
**PRIME060L**: anti-intrusion control panel from 10 to 60 terminals, 10 partitions, 6.2A power supply, TCP-IP connectivity, GSM/GPRS connectivity optional and compliant with EN50131-6 and EN50131-3 Grade 3.
**PRIME120L**: anti-intrusion control panel from 10 to 120 terminals, 20 partitions, 6.2A power supply, TCP-IP connectivity, GSM/GPRS connectivity optional and compliant with EN50131-6 and EN50131-3 Grade 3.
**PRIME240L**: anti-intrusion control panel from 10 to 240 terminals, 30 partitions, 6.2A power supply, TCP-IP connectivity, GSM/GPRS connectivity optional and compliant with EN50131-6 and EN50131-3 Grade 3.

Inim distributor's stamp
and signature