4- to 32-Zone Security Systems

The new Esprit E55 and E65 control panels offer reliable, entry-level security that meet a host of customer needs. They include more features, such as StayD, support for GPRS/GSM, IP and voice, enhanced expansion (up to 32 zones), and in-field firmware upgradeability.
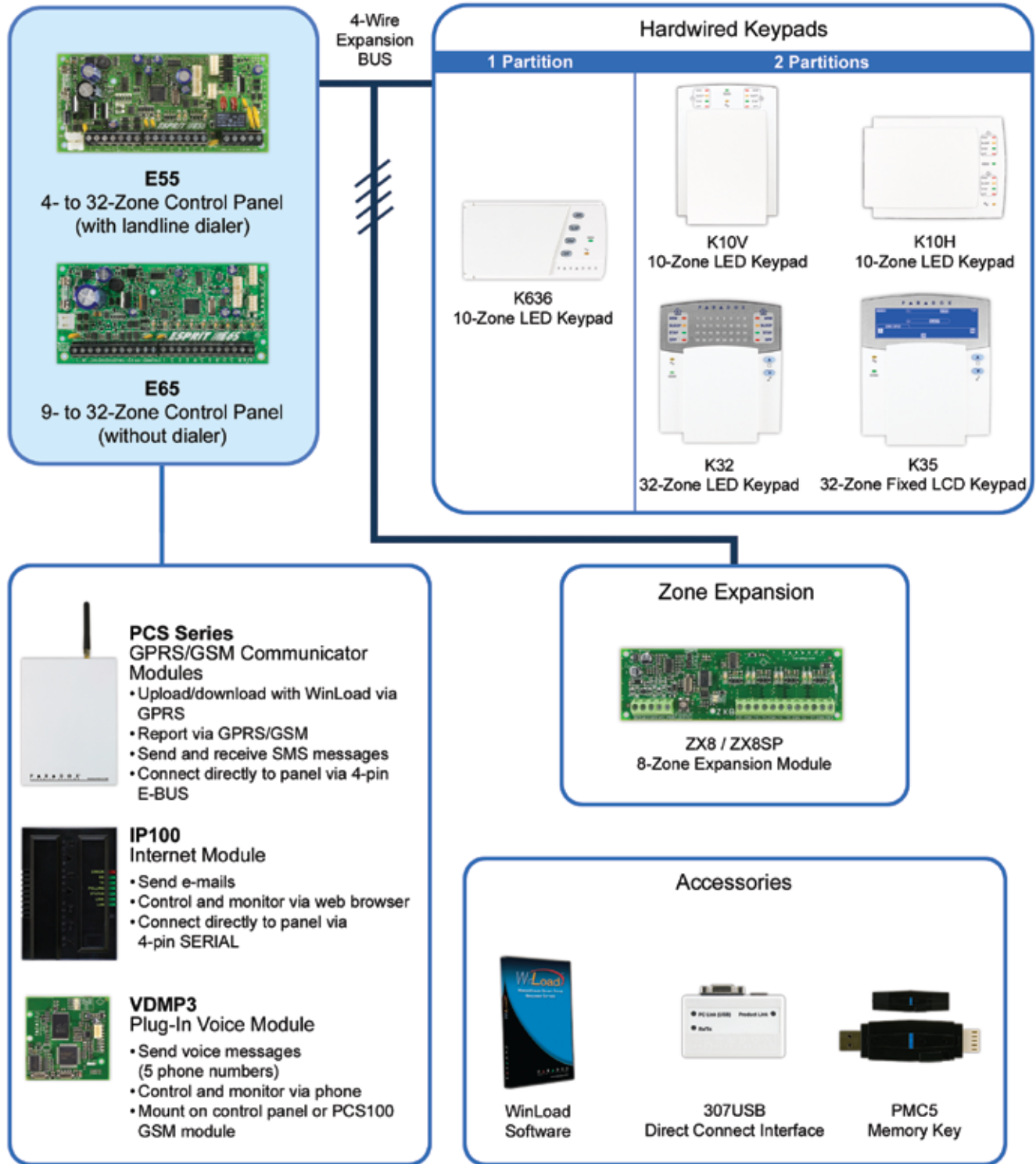
The Esprit E-Series is StayD-enabled, which provides a heightened level of security that ensures that the system is always armed, never disarmed. With the support of the PCS modules, the new Esprit E-Series panels can report via GPRS/GSM, connect to WinLoad via GPRS, and notify you of system events by sending a text message. Furthermore, receive system event notification through email with the IP100 Internet Module, and through voice messages with the VDMP3 Voice Module. Based on the Magellan and Spectra SP Series platform, the Esprit E-Series uses the same programming method for users and installers.

The new Esprit E-Series provides the latest in security technology and a great value that is ideal for any residential or small business installation.

- StayD - Always Armed, Never Disarmed
- 4 to 32 Zones
- 32 User Codes
- 2 Partitions
- Firmware Upgradeable
- Internet Communication
- Wireless Communication (GPRS/GSM, SMS)
- Voice Communication
- WinLoad

ESPRIT |||E55 / 65 ™

System Overview

4-Wire Expansion BUS

E55
4- to 32-Zone Control Panel
(with landline dialer)

E65
9- to 32-Zone Control Panel
(without dialer)

Hardwired Keypads

1 Partition

K636
10-Zone LED Keypad

2 Partitions

K10V
10-Zone LED Keypad

K10H
10-Zone LED Keypad

K32
32-Zone LED Keypad

K35
32-Zone Fixed LCD Keypad

PCS Series
GPRS/GSM Communicator Modules
- Upload/download with WinLoad via GPRS
- Report via GPRS/GSM
- Send and receive SMS messages
- Connect directly to panel via 4-pin E-BUS

IP100
Internet Module
- Send e-mails
- Control and monitor via web browser
- Connect directly to panel via 4-pin SERIAL

VDMP3
Plug-In Voice Module
- Send voice messages (5 phone numbers)
- Control and monitor via phone
- Mount on control panel or PCS100 GSM module

Zone Expansion

ZX8 / ZX8SP
8-Zone Expansion Module

Accessories

WinLoad Software

307USB
Direct Connect Interface

PMC5
Memory Key

In-Field Upgradeable

Esprit E-Series is not only easy to install, but is also fully in-field upgradeable for simple on-site updates. The process is effortless; connect the PC to the panel and you are a few clicks away from performing a complete system upgrade within minutes. No need to change panels or hardware; all the updates are done using the user-friendly software included with WinLoad. Esprit E-Series is compatible with WinLoad Installer Upload/Download software, allowing you to program, update, and monitor the system on-site.

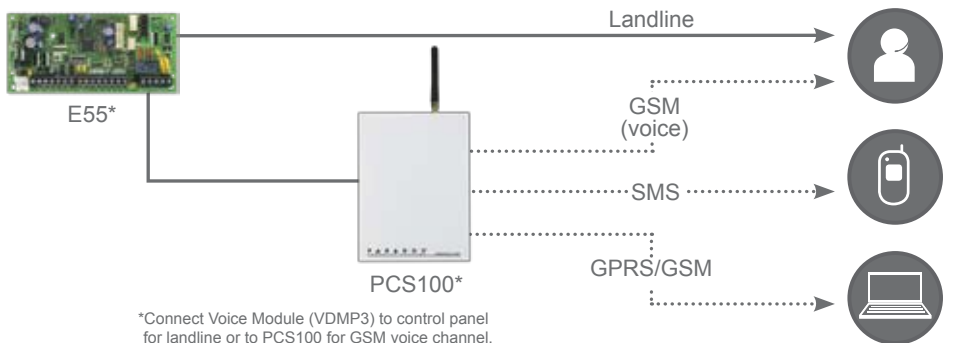# Internet Communication (IP100)

The IP100 Internet Module controls and monitors your security system remotely through any web browser. It allows for email notifications of important system events such as alarms, arm/disarm events, and troubles. For example, receive an email at work when your kids get back from school.

You can also view the live status of your system and arm/disarm it. For example, you have just left your office for the weekend but are not sure you remembered to arm the system. Simply check the status of your system from a laptop and arm it.
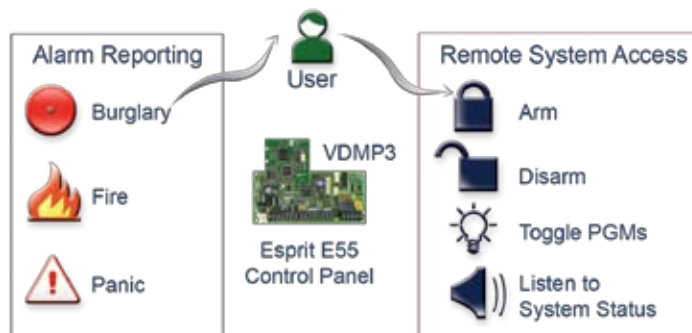
Wireless Communication (PCS SERIES)

The PCS modules provide the Esprit E-Series with wireless communications through a GPRS/GSM network to report system events to a monitoring station, remotely upload/download with WinLoad software via GPRS, send text messages (SMS) of system events on up to 8 cell phones, and send pre-recorded voice messages (VDMP3) to any phone. End users can also arm or disarm the system by sending a text message (SMS) to a PCS module.

*Connect Voice Module (VDMP3) to control panel for landline or to PCS100 for GSM voice channel.

All this is achieved through proprietary communication via simple 4-wire serial connection between the control panel and the PCS module. PCS modules are firmware upgradeable and can also report the loss of communication with the control panel or when RF jamming is detected.

Voice Communication (VDMP3)

The VDMP3 is a voice-assisted module that can be programmed to call up to 5 telephone numbers in the event of an alarm. For example, when an alarm occurs at your store during off-hours, every employee can receive notification via telephone: (sample message) "Area 1 in alarm. Zone 3. Press 1 to disarm the system..."

You can also call the VDMP3 from an outside line, enabling you to arm or disarm the system as well as activate PGMs. The VDMP3 essentially turns any outside telephone into a keypad. The VDMP3 is easy to install; plug it in directly onto the panel, set the phone numbers, and select the activation event.

STAYD™ Always Armed, Never Disarmed

StayD resolves all issues with common security systems and represents the only solution for secure living. The revolutionary StayD feature represents a completely reversed philosophy compared to all other security systems made today. Traditional systems share the same principle; in order to provide security, users must remember to arm the system. Otherwise the system is disarmed and does not provide security. Common systems are also designed to only be armed when you are away from home. A StayD system is always armed, and needs only to be partly disarmed when an entry or exit is needed.

When entering/exiting a site, the system partly disarms to let you pass through: simply notify the system with your remote and go through the designated path which will automatically re-arm after you pass. All other zones remain armed. The result is a system that is always protecting, without the risk of being unprotected, and without the uncertainty of whether the system is armed or not.

The advantage of StayD is clear: it's always protecting, without the risk of being unprotected. Other benefits of StayD include knowing when your kids are accessing potentially dangerous areas, such as the balcony, pool or front door. Also, installation is easy; simply assign the path zones and StayD is fully operational. Now you can truly have peace of mind knowing that you are always protected.

Keypad Overview

K636: 10-Zone Hardwired LED Keypad

Instant Zone Status
Determine the status of any of your protected areas or zones with one quick glance at the keypad. For example, if zone 2 is open, the [2] button lights up. Esprit E-Series keypads provide instant, easy-to-read zone status for your convenience.

StayD Status Light
Instantly tells you whether or not your system is StayD-enabled. StayD ensures that your system is always armed, never disarmed.

One-Touch Button Activation
Esprit E-Series makes controlling your system easy. Arm, bypass or even activate light switches, garage doors with the touch of a button.

Panic Signal Monitoring
Simply press two buttons to send one of three panic signals to a monitoring station. This ensures assistance in case of fire, medical emergency or security breach.

Specifications - Panels

On-Board Zones: E55 = 4 / E65 = 9	Status and Charge LED
AC Input (16Vac transformer w/ min. 20VA rating (Rec. 40VA), 50 to 60 Hz)	Service Keypad Port: for installer system programming
Backup Battery (12Vdc, 4Ah/7Ah)	Reset Button: reset the panel to default and restart
1.1A switching power supply	Dialer and E-Bus Ports (for PCS modules and VDMP3)
Auxiliary Output (450mA typical, fuseless shutdown @ 650mA)	Serial Port (for IP100 and WinLoad/307USB)
Bell Output (1A, fuseless shutdown @ 3A)	Mem Key Port (for PMC5)
On-Board PGMs: E55 = 1 / E65 = 3 100mA low-current outputs with +/- trigger	4-Wire Bus: supports 15 keypads and 3 ZX8s (15 modules total)
Landline dialer (E55 only)	256 events buffered