

# PowerSeries Neo Hardwired Keypads with Built-In PowerG Transceiver HS2 Series



## Features That Make a Difference:

- Full message 2x16 character LCD
- Blue display on LCD
- Large, white backlit keypad buttons
- I/O for either zone or programmable output
- 5 programmable function keys
- 3 Separate panic keys
- Adjustable backlight and keypad buzzer
- Multiple door chimes per zone
- 8 Partition support
- Front and rear mount tamper
- Prox. Tag (Optional)
- With built in PowerG Transceiver (optional)
- Wire channel
- Easy-to-install mounting hinge
- Surface or single-gang box mount
- Remote firmware upgradable
- Compatible with Visonic Power Series Neo systems

### The power of PowerG\*:

The power behind PowerSeries Neo lies in various innovative technologies, including the revolutionary PowerG, which, bundled together, provide a robust and feature-rich platform designed to reduce operational costs for dealers and provide ultimate reliability for end users.

- Multichannel, Frequency Hopping Spread Spectrum technology - to overcome frequency blocking and interference
- Adaptive Transmission Power - for battery life preservation
- High transmission ranges - for reliable communication within up to 2km/2187 yards line-of-sight
- TDMA synchronized communication technology - to prevent message collisions
- 128 bit AES encryption - high level protection against analysis tools and digital attacks

## PowerSeries Neo is Security Redefined

PowerSeries Neo redefines intrusion security by combining the flexibility of a modular, hardwired system with the simplicity of a wide range of wireless devices and peripherals, resulting in the most comprehensive hybrid system available in the market today.

This brand new and exceptionally flexible platform leverages the superior capabilities of PowerG – the industry's leading-edge wireless intrusion technology. Innovative alarm verification solutions, together with an exceptionally comprehensive remote service software suite, make PowerSeries Neo the ideal first-class solution for residential and scalable commercial installations.

## PowerSeries Neo Hardwired Keypads

PowerSeries Neo keypads are a primary interface to this revolutionary hybrid system.

These slim-profile keypads come with an optional integrated PowerG transceiver to maximize wireless configuration flexibility.

PowerSeries Neo hardwired keypads achieve a clean, unobtrusive look that users welcome in any work or living space. Installers appreciate them for their ease of programming and simplified installation.

## Flexibility

In keeping with PowerSeries Neo's wide spectrum of installation solutions, the PowerSeries Neo hardwired keypads are available with a full message 2x16 character LCD for ease of programming. Customisable keypad features include an input/output terminal that can be programmed to operate as a zone input, a programmable output or as a low temperature sensor. Other features include adjustable backlit keys for low-light situations and five programmable keys for simple one button activation of system functions. The door chime

function allows for multiple pre-programmed chimes to identify specific zones.

The keypads' integrated temperature sensor can be programmed to activate when room temperature dips below 43° F (6° C) and restores at 47° F (8° C). Built-in logic prevents the panel from cycling in and out of alarm mode during minor temperature fluctuations, helping to reduce false alarms.

### **Easy To Use**

PowerSeries Neo hardwired keypads feature five programmable keys for easy one-button activation of system functions. The quick exit function avoids having to disarm and rearm the system every time an occupant leaves the premises.

Prox versions of these keypads allow the user to arm or disarm the system in one easy swipe of the prox tag without needing to remember a security code.

128-zone full-message keypads support twenty-eight languages, global partition status and full, 32-character programmable phrases.

### **Wireless Convenience**

Offering identical features as their hardwired equivalents, RF versions of the keypads support up to 128 wireless zones and 32 wireless keys (on HS2128 version) without taking up a wireless zone slot.

### **Specifications:**

Dimensions (L x W x D)..... 168mm x 122mm x 20 mm  
(6 1/16" x 4 7/16" x 13/16")

LCD Viewable Area: ... 99 mm x 24 mm (3 9/10" x 15/16")

Current Draw: ..... 125 mA (Max)

HS2LCDPE ..... 100 mA

HS2LCDRFP8E ..... 60 mA

Voltage: ..... 12 VDC Nominal

Operating Environment: .. -10°C to 55°C (14°F to 131°F)

Relative Humidity: ..... 5 to 93%

### **Ordering Information:**

HS2LCDPE1VIS ..... 128-Zone Full-Message LCD  
Keypad w/ Prox. English, French, Spanish,  
Portuguese language support

HS2LCDPE2VIS ..... 128-Zone Full-Message LCD  
Keypad w/ Prox. English, French, Dutch,  
German, Italian, Polish language support

HS2LCDRFP8E1VIS ..... 128-Zone Full-Message LCD  
Keypad w/ Transceiver and Prox. English,  
French, Spanish, Portuguese language support

HS2LCDRFP8E2VIS ..... 128-Zone Full-Message LCD  
Keypad w/ Transceiver and Prox. English, French,  
Dutch, German, Italian, Polish language support

### **Approvals:**

FCC/IC, CE, EN, SBSC, NCP, INCERT, FG, FP

### **Compatibility:**

The keypads are compatible with all Visonic PowerSeries Neo control panels.