



**SILENT  
KNIGHT**

by Honeywell

## **IntelliKnight® 5808 Single Loop Addressable Fire Alarm Control System**

**The convenience of an addressable fire alarm control panel in a cost-effective easy to use package.**

IntelliKnight Model 5808 is a 127 point class leading single loop addressable fire alarm control/communicator system. 5808 provides you with the revolutionary value and performance of addressable sensing technology combined with exclusive, built-in digital communication, distributed intelligent power, easy to use interface. Powerful features such as drift compensation and maintenance alert are delivered in this powerful FACP from Silent Knight.

For more information about the IntelliKnight system, or to locate your nearest source, please call 1-800-328-0103.

### **Description**

The basic 5808 system can be enhanced by adding modules such as 5860 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), and 5496 intelligent power module. 5808 supports SD or SK protocol devices. 5808 also features a powerful built-in dual line fire communicator that allows for reporting of all system activity to a remote monitoring location.

### **Features**

- Built-in support for up to 99 SK detectors *and* 99 SK modules.
- Built in support for 127 SD devices.
- Up to 125 zones and 125 output groups.
- Uses standard wire—no shielded or twisted pair required
- Built-in digital communicator.
- Central station reporting by point or by zone
- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC.
- Distributed, intelligent power.
- Drift compensation.
- 13 pre-programmed output cadences, (including ANSI-3.41), and 4 programmable outputs.
- Notification circuits can be configured as 2 Class A (Style Z) or 4 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power.
- Built-in annunciator with 80-character LCD display.
- RS-485 bus provides communication to system accessories.
- Built-in RS-232 and USB interface for programming via a PC.
- Upload or download programming, event history, or detector status via remote or direct connection.
- Improvements in SKSS deliver five times faster upload/downloads.
- Built-in synchronization for appliances from AMSECO, Gentex®, Faraday, System Sensor®, and Wheelock®.
- One Form C trouble relay rated at 2.5A at 27.4 VDC and two Form C programmable relays rated at 2.5A at 27.4 VDC.



**Model 5808**

- Plex-2 door option combines a dead front cabinet door with a clear window, limiting access to the panel while providing single button operation of the reset and silence functions.
- Integrated dead front panel protects operator from exposure to electrical components.
- The FACP enclosure features a Plexiglass® viewing window to protect annunciator.
- Acknowledge function allows operator to keep track of event status.

### **Installation**

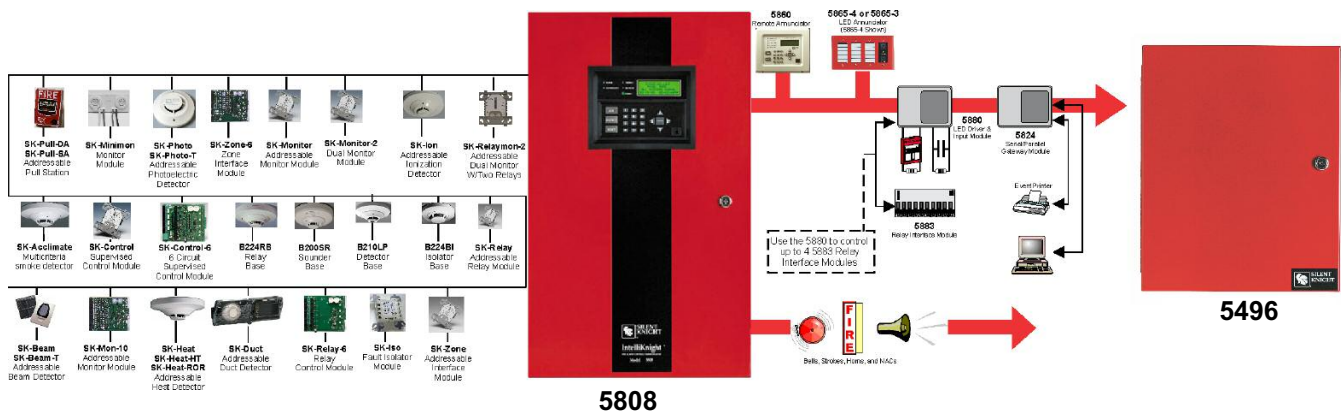
The 5800 can be surface or flush mounted.

### **Compatibility**

The 5808 signal line circuit (SLC) supports multiple device types of the *same* protocol:

- SK (System Sensor)
- SD

You cannot mix SD and SK SLC devices on a FACP.



**Specifications**

**Electrical**

Primary AC: 120 VRMS at 50/60 Hz, 2.75A  
 Total Accessory Load: 6A @ 27.4 VDC  
 Notification Power: 6A @ 27.4 VDC, power-limited  
 Standby Current: 170 mA  
 Alarm Current: 325 mA  
 Notification & Auxiliary Circuits: 3A @ 27.4 VDC per circuit, power-limited  
 Battery Charging Capacity: 7.0-35 AH

Battery Size: 18 AH max. allowed in FACP. Larger capacity batteries can be housed in an RBB accessory cabinet

**Physical**

Flush Mount Dimensions: 14.5" W x 24.75" H x 3.5" D (36.8 W x 62.9 H x 8.73 D cm)  
 Overall Dimensions: 16" W x 26.4" H x 4.65" D (40.6 W x 67 H x 11.8 D cm)  
 Weight: 28 lbs. (12.8 kg)  
 Color: Red

Telephone Requirements: FCC Part 15 and Part 68 approved  
 Type of Jack: RJ31X (two required)

**Approvals**

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary

Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, waterflow, sprinkler supervisory (DACT non-coded) signalling services.  
 UL Listed  
 CSFM 7165-0559:0142;  
 MEA 429-92-E Vol. XIV

**S-BUS Accessories**

**5860/R Remote Fire Annunciator**  
 Features the same 80 character backlit LCD display keypad and firefighter's key switch as the 5808. 5860 is gray and 5860R is red.

**5496 Intelligent Power Module**  
 A 6 amp notification power expander that provides four additional power-limited notification appliance circuit outputs.

**5880 LED/IO Module**  
 Features 40 LED outputs, 8 normally open dry contact inputs and one piezo output.

**5865-3 and 5865-4 Remote LED Annunciator**  
 Features 30 programmable LED (15 red and 15 yellow) outputs and a piezo sounder. The 5865-4 adds a silence and reset switch to the package.

**5824 Serial/Parallel Printer Interface Module**  
 Provides one parallel and one RS-232 serial port for connecting a printer to 5808. Use to print a real-time log of system events, detector status reports, and event history.

**5883 Relay Board**  
 Features 10 general purpose Form C relays. Used with 5880 module.

**Miscellaneous Accessories**

**5660 Silent Knight Software Suite**  
 PC-base software for FACP programming. Upload and view panel account information, event history, and detector status.

**5670 Silent Knight Software Suite**  
 End-user facility management software allows viewing of detector status and event history via modem or direct connection.

**Plex-2 Door**  
 Dead front cabinet door with clear window to limit access to the FACP.

**RBB**  
 Remote Battery Box Accessory Cabinet. Use if backup batteries are too large to fit into FACP cabinet. Dimensions: 16" W x 10" H x 6" D (406 mm W x 254 mm H x 152 mm D)

**SD and SK Devices**  
 See the specification sheets listed below for a complete listing of the SD and SK devices.

- 53624 SD Devices data sheet
- 53623 SK Devices data sheet

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610. Phone: (800) 328-0103, Fax: (203) 484-7118. [www.silentknight.com](http://www.silentknight.com)

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