



## IntelliKnight® Model 5700 Single Loop Addressable Fire Alarm Control System



**The affordable addressable solution.**

IntelliKnight Model 5700 is a 50 point class leading single loop addressable fire alarm control/communicator system that provides you with the revolutionary value and performance of addressable sensing technology combined with exclusive, built-in digital communication, distributed intelligent power, that includes an 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 1-800-446-6444, or in Minnesota, call 763-493-6435.

### Description

The IntelliKnight 5700 performs drift compensation and calibration checks on each of the sensors in the system.

The basic IntelliKnight 5700 system can be enhanced by adding modules such as the Remote Annunciator, the Serial/Parallel Interface (for printing system reports), and an Intelligent Power Module. The Model 5700 also features a powerful built-in dual line fire communicator that allows for reporting of all system activity to a remote monitoring location.

### Features

- Up to 50 addressable points.
- 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 1 Class A (Style Z) or 2 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power.

- Built-in synchronization for appliances from Gentex®, Faraday, System Sensor® and Wheelock®.
- Built-in annunciator with 80-character LCD display.
- RS-485 bus provides communication to system accessories.
- Up or Download programming, event history, or detector status via remote or direct connection.
- Built-in RS-232 interface for programming via PC.
- Built-in Form C trouble relay rated at 2.5 amps at 24 VDC.
- Two built-in Form C programmable relays rated at 2.5 amps at 24 VDC.

### Approvals:

UL Listed / NFPA 72 (File No. S2766)  
 -Central Station  
 -DACT  
 -Local Protective Signalling System  
 -Water Deluge Releasing Service

CSFM Listed

### Specifications

Primary AC: 120 VAC, 60 Hz, 1.5A  
 Total Accessory Load: 2.5A at 24 VDC  
 2.5 amps at 24 VDC of power-limited notification power  
 Standby Current: 160 mA  
 Alarm Current: 330 mA  
**Notification/Aux power circuits:**  
 2.5 amps of power-limited power per circuit at 24 VDC.



### Model 5700

#### Mechanical Specifications:

Dimensions:

12-3/4"W x 15-1/8"H x 3-3/8"D  
 (32.39 x 38.42 x 8.57 cm)

Weight: 11.5 lbs. (5.2 kg)

Color: Red

Telephone Requirements:

FCC Part 15 and Part 68 approved

Type of Jack: RJ31X (two required)



**SILENT  
KNIGHT**

A Honeywell Company

**SLC Sensor Devices**

**SD505-APS**

Addressable photoelectric smoke detector.

**SD505-AHS**

Addressable heat sensor.

**SD505-6AB**

Six inch base designed for use with detector head models SD505-APS, and SD505-AHS.

**SD505-6IB**

Short circuit isolator base for SD505-AHS, and SD505-APS detectors.

**SD505-ADH**

Duct Housing. Detects smoke in HVAC ducts. Use with SD505-APS.

**SD505-ADHR/DTS**

Addressable Duct smoke detector with built-in relay module detects products of combustion present in air moving through an HVAC system. Provides form C alarm contact. The SD505-ADHR is compatible with the SD505-DTS, which provides remote annunciation and testing capabilities for the SD505-ADHR. Use with SD505-APS.

**SD500-PS/PSDA**

Addressable Pull Station with visible LED.

**Intelligent SLC Modules**

**SD500-AIM**

Dry Contact Input Module. Designed to be used with normally open dry contacts. Mounts in a 4 inch square electrical box. It features an indicator LED to show alarm status and a coverplate.

**SD500-MIM**

Mini Dry Contact Input Module. A miniature version of the addressable input module which is designed to be used with pull stations and other normally open dry contact inputs where a smaller size is desired.

**SD500-ARM**

Addressable Relay Module. Features 2 Form C output relays, designed to mount on a 4 inch square electrical box. Provides indicator LED to show output status and comes with a coverplate.

**SD500-LED**

An LED driver capable of driving 80 LEDs through the SLC loop. Up to 40 SD500-LEDs can be used per system.

**SD500-LIM**

Addressable short circuit isolator module for SLC devices

**S-BUS Accessories**

The following items listed are devices that connected to the IntelliKnight's RS-485 Bus

**5860 Remote Fire Annunciator**

The 5860 features the same 80 character backlit LCD display keypad and firefighter's keyswitch as the 5820. The system can be fully programmed and operated from any remote annunciator.

**5880 LED/IO Module**

Features 40 LED outputs, 8 normally open dry contact inputs and one piezo output.

**5496 Intelligent Power Module**

The 5496 is a 6 amp notification power expander that provides four additional power-limited notification appliance circuit.

**5865-3 and 5865-4**

**Remote LED Annunciator**

Features 30 Programmable LEDs (15 red and 15 yellow) outputs and piezo sounder. The 5865-4 adds a silence and reset switch to the package.



**5883 Relay Board**

Features 10 General purpose Form C relays. Used with 5880 module.

**5824 Serial/Parallel Gateway Module**

Has one parallel and one RS-232 serial port for connecting any standard IBM-compatible printer to the IntelliKnight system. Interfaces with building control system.

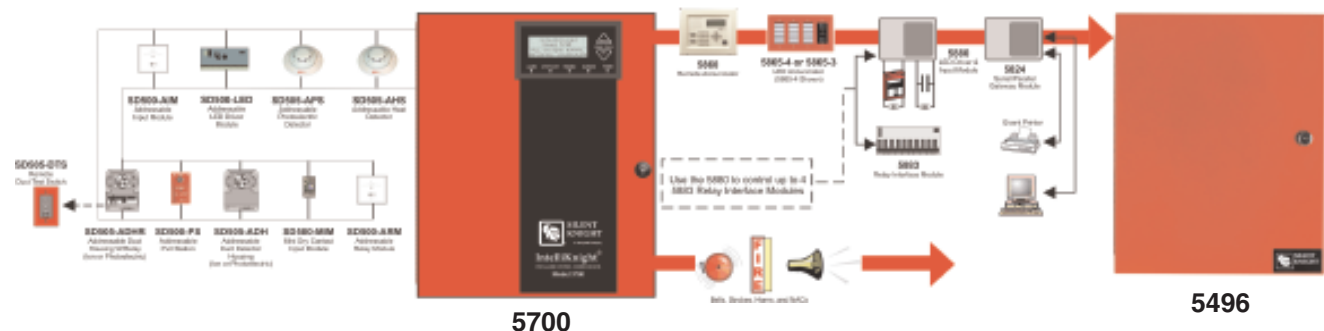
**SKSS Silent Knight Software Suite**

**5660 Up Download Software**

User-friendly, Windows™ software for remote programming of the IntelliKnight panel using a PC.

**5670 Facility Management Software**

Powerful end-user software allows viewing of detector status and event history via modem or direct connection.



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**MADE IN AMERICA**  
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