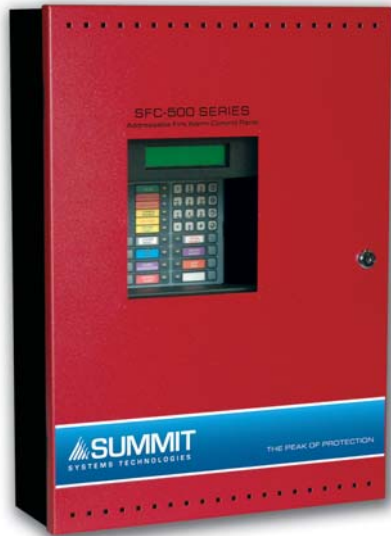![Summit logo](ill.. **Summit**™)

SFC-500-60-DR
Intelligent Fire Alarm Control Panel

Description

The SFC-500-60-DR Fire Alarm Control Panel is a single loop addressable panel that supports up to 60 addressable points. The SFC-500-60-DR is equipped with a two line by 20 character back-lit LCD display, numerical keypad and an integrated UDACT/Digital Communicator. The LCD display allows for 32 characters to be configured for user defined messages. In addition the SFC-500 Series family also includes remote LED and LCD annunciators.

The SFC-500-60-DR is ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, these panels are powerful enough to meet today's installation demands. The SFC-500-60-DR is configurable by the keypad for onsite programming or by a PC for both onsite and remote programming. Easy to install and simple to operate and configure, the SFC-500-60-DR enables the installer to configure the system to meet their specific requirements.

The SFC-500-60-DR is equipped with a 5.5 Amp power supply, auxiliary resettable smoke power supply (300mA max.), an interface for a Remote Trouble Indicator (SRTI-200) and an RS-485 interface for remote LCD and LED annunciators.

The SFC-500-60-DR comes complete with a red door, black enclosure, durable CAT-30 lock and key and space to mount up to 12 AH batteries. An optional trim ring is available for semi-flush mounting.

Features

- Single Addressable SLC Loop that supports 60 addressable points
- Points can be any combination of Addressable Sensors or Modules
- Supports Ionization Sensors, Photoelectric Sensors, Variable Heat Sensors and Multi–Sensor (Heat/Photo)
- Equipped with 2 line by 20 character back-lit LCD display, numerical keypad and an integrated UDACT/ Digital Communicator
- LCD display allows for 32 characters to be configured for user defined messages
- Digital Communicator can be configured for DACT or UDACT mode of operation
- Configurable via the front panel, PC Configurator, or remote dial up through the built-in modem
- Sensors can be configured as Alarm, Verified Alarm, Latching or Non-Latching Supervisory, Monitor and Trouble-Only
- Modules can be configured as Alarm, Latching Supervisory, Non-Latching Supervisory, Water Flow, Monitor, Trouble, Fire Drill Switch, Signal Silence Switch, Aux Disconnect Switch and Buzzer Silence Switch
- Base panel is equipped with Four Class "B" (Style "B") indicating circuits which may be configured as Class "A" (Style "Z") using a Class "A" signal converter module
- Indicating Circuits may be configured as Silenceable or Non-Silenceable for both signals and strobes
- Built-in sync protocols for the following strobe manufacturers: Mircom, Amseco, System Sensor, Gentex, Faraday and Wheelock
- Relay contacts for Common Alarm, Auxiliary/ Alarm (Disconnectable), Common Supervisory and Common Trouble
- Configurable Signal Silence Inhibit, Auto Signal Silence and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED and LCD Annunciators,
- Positive Alarm Sequence
- Interface for a Remote Trouble Indicator (SRTI-200)
- Two event history logs comprised of a 200 event alarm log for alarm related events and a 200 event general log for all other events
- 5.5 Amp Power Supply
- Optional modules for additional internal relay circuits and City Tie/Polarity Reversal
- Optional trim ring for semi-flush mounting
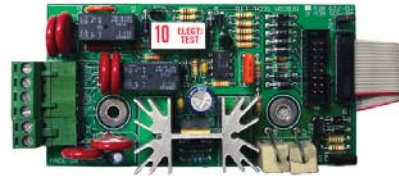

UL
S24005   7165-1665:113   71-08-E   Approved for Class 1 Applications

MEA **approved**   **City of Chicago**

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SUMMIT SYSTEMS TECHNOLOGIES
Canada 25 Interchange Way, Vaughan (Toronto), Ontario L4K 5W3 Telephone: (905) 695-3549 Fax: (905) 660-4113 • **Web Page:** www.summit-st.net
U.S.A. 4575 Witmer Industrial Estates, Niagara Falls, NY 14305 Telephone: (866) 786-6480 Fax: (888) 660-4113 • **E-mail:** mail@summit-st.net
Catalog Number 205 • **Not to be used for installation purposes.**

Optional Adder Modules

SOCA-204 Four Indicating Circuit Class "A" Converter Module
The SOCA-204 converts four Class "B" (Style "Y") output circuits on the SFC-500 to Class "A" (Style "Z") circuits. The SOCA-204 is equipped with wire leads to connect to the SFC-500 main board.
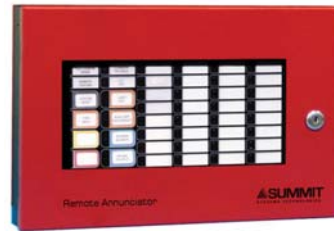

SPR-200 Polarity Reversal/City Tie Module
The SPR-200 provides outputs for city box and polarity reversal applications. As a city tie module the SPR-200 provides an interface between the control panel indicating circuits and a master box. As a polarity reversal module the SPR-200 provides an interface between the control panel and a reverse polarity receiver.

Remote Annunciators

SRAM-200LCDR Remote LCD Annunciator
The SRAM-200LCDR provides LCD remote annunciation through a 2 line by 20 character LCD display. The SRAM-200LCDR provides control switches for System Reset, Signal Silence, Fire Drill and Acknowledge as well as a numeric keypad to access the menu functions. The common control functions can be disabled on a per function basis. The SRAM-200LCDR has LED indicators for A.C. On, Alarm, Supervisory, Trouble and CPU Fail. The SRAM-200LCDR comes complete with a red enclosure and a CAT-30 Lock and key.

SRAM-300 Series Remote LED Annunciators
The SRAM-316TZ and SRAM-332TZ Remote LED Annunciator provide 16 or 32 points respectively of LED annunciation. Both models come standard with bi-colored LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber). The annunciators have indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. In addition both models allow for the control switches to be disabled on a per function basis. Both models mount in a SBB-301R enclosure.

SRAM-208R/SRAM-216R Remote LED Annunciators
The SRAM-208R and SRAM-216R provide 8 or 16 points respectively of LED annunciation. Both models feature bi-colored LEDs which are auto-configurable for either Alarm (red) or Supervisory (amber). The LED annunciators have indicators for A.C. On, Common Trouble and Signal Silence and control switches for System Reset, Signal Silence, Lamp Test and Buzzer Silence. The SRAM-208R and SRAM-216R are equipped with a keyswitch which allows for enabling and disabling of the Common Control functions. Both models are available in a red finish and mount in a 4-gang electrical box.

Dimensions

SFC-500-60-DR   20"H x 14½"W x 4½"D

Ordering Information

Model	Description
SFC-500 Series Intelligent Fire Alarm Control Panels	
SFC-500-60-DR	Single Loop 60 Point Intelligent Fire Alarm Control Panel with built-in UDACT/Digital Communicator
SFC-200TRB	Black semi-flush trim ring for SFC-500 Series enclosures
Optional Adder Modules	
SOCA-204	Four Indicating Circuit Class "A" Converter Module
SPR-200	Polarity Reversal/City Tie Module
Remote Annunciators	
SRAM-200LCDR	Remote LCD Annunciator
SRAM-316TZ	16 Zone Remote LED Annunciator with trouble LEDs. Mounts in a SBB-301R enclosure.
SRAM-332TZ	32 Zone Remote LED Annunciator with trouble LEDs. Mounts in a SBB-301R enclosure.
SBB-301R	Red enclosure for SRAM-316 & SRAM-332 Annunciators
SRAM-208R	8 Zone Remote LED Annunciator
SRAM-216R	16 Zone Remote LED Annunciator

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