

## FCP-75 Fire Alarm Control Communicator

The FCP-75 is an Intelligent Fire Alarm Control Communicator. The FCP-75 has a single signaling line circuit (SLC) loop for connecting up to 75 sensors and 75 modules per loop (FIK IDP device protocol). The overall point capacity is limited to a maximum of 150 points per panel.

The FCP-75 has the interconnection capability for up to 32 panels. The system has two modes of operation: multiple panels covering one larger building or multiple independent buildings. To network panels together, use the FIK-NIC network interface card. Copper wire or fiber optic cable panel connectivity can be used within the same networked system.

The FCP-75 has a built-in dual-line digital and IP communicator with an optional cellular communication module, Form C trouble relay, and two programmable Form C relays. The FCP-75 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The FCP-75 supports a variety of devices, including FIK-RA2000, FIK-RA1000, or FIK-RA100 remote annunciator, FIK-5824 serial/parallel printer interface module (for printing system reports), FIK-RPS1000 power module, and FIK (device protocol) devices.



### FEATURES

- Network support for up to 32 panels
- Built-in support for up to 75 FIK detectors and 75 FIK modules
- Four line LCD with 40 characters per line
- Built-in USB interface for convenient and quick programming
- Programmable data setting for Daylight Saving Time
- JumpStart AutoProgramming feature
- Surface or Flush-mount
- Built-in dual phone line, digital alarm communicator/transmitter (DACT), IP or optional cellular
- Network card allows copper or fiber connection option
- Convenient field-upgradeable firmware
- Supports up to four FIK-W-WGI wireless gateways, each allowing up to 49 wireless devices
- Supports Class B and Class A SLC and SBUS configurations
- Built-in synch for Gentex®, System Sensor®, and Wheelock® appliances

## AGENCY LISTINGS AND APPROVALS

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signaling; Local Protective Signaling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service

- UL Listed
- CSFM

For exact certification listings, please reference the respective agency website.

## SPECIFICATIONS

Physical	
<b>Backbox Dimensions (HxWxD):</b>	14.875" x 12.531" (37.78 cm x 31.83 cm)
<b>Overall Dimensions (HxWxD):</b>	15.12" x 12.71" x 3.33" (38.40 cm x 32.28 cm x 8.46 cm)
<b>Shipping Weight:</b>	15 lbs. (6.8 kg)
<b>Color:</b>	Red
<b>Mounting:</b>	Surface or flush-mount
Environmental	
<b>Operating Temperature:</b>	32°F to 120°F (0°C to 49°C)
<b>Humidity:</b>	0 to 93% relative humidity (non-condensing)
Electrical	
<b>Primary AC:</b>	120 VAC @ 60 Hz, 1.5 A total Total Accessory Load: 2.5 A @ 27.4 VDC, power-limited
<b>Standby Current:</b>	165 mA
<b>Alarm Current:</b>	310 mA
<b>Battery Charging Capacity</b>	7 to 35 AH
<b>Battery Size:</b>	7AH max. allowed in the control panel cabinet. Larger batteries can be housed in the RBB accessory cabinet
<b>Approved Releasing Solenoids:</b>	ASCO T8210A107, 24 VDC, 3A max, 0 Hz ASCO 8210G207, 24 VDC, 3A max, 0 Hz
<b>Compatible Devices:</b>	FIK IDP addressable SLC devices Swift® wireless SLC devices

## ORDERING INFORMATION

Part Number	Description
<b>FCP-75</b>	Intelligent Fire Alarm Control Panel
<b>SBUS Accessories</b>	
<b>FIK-RA100; FIK-RA1000R; FIK-RA2000</b>	Remote Annunciators
<b>FIK-6815</b>	Signaling Line Circuit (SLC) Expander
<b>FIK-RPS1000</b>	Remote Power Supply, 120V
<b>FIK-RPS1000HV</b>	Remote Power Supply, 220V
<b>FIK-5496</b>	NAC Expander
<b>FIK-5824</b>	Serial/Parallel Module
<b>FIK-5880</b>	LED I/O Module
<b>FIK-5865-3 or FIK-5865-4</b>	LED Annunciator
<b>FIK-5883</b>	Relay Interface
<b>Miscellaneous Accessories</b>	
<b>HFSS</b>	Software Suite
<b>RBB</b>	Remote Battery Box Cabinet (use for backup batteries up to 35 AH)
<b>SK-SCK</b>	Seismic Compliance Kit
<b>FIK-NIC</b>	Network Interface Card
<b>FIK-FML</b>	Multi-Mode Fiber Card
<b>FIK-FSL</b>	Single Mode Fiber Card