**Fike**®

# FCP-300 Fire Alarm Control Communicator

The FCP-300 is an intelligent Fire Alarm Control Communicator. The FCP-300 has a single-line circuit (SLC) loop for connecting addressable detectors and modules. The SLC can support 159 sensors and 159 modules (FIK device protocol). Additional SLC loops can be added using the FIK-6815 SLC expander for FIK devices to increase the overall point capacity to a maximum of 300 points per panel.

The FCP-300 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-300 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-300 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The FCP-300 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 159 FIK detectors and 159 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

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## 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
- Factory Mutual Approved
- CSFM

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

## SPECIFICATIONS

| Physical | |
| --- | --- |
| **Backbox Dimensions (HxWxD):** | 24.75" x 14.5" x 3.91" (62.87 cm x 36.83 cm x 9.93 cm) |
| **Overall Dimensions (HxWxD):** | 26.375" x 16.25" x 3.94" (67.00 cm x 41.28 cm x 10.00 mm) |
| **Shipping Weight:** | 45 lbs. (20.4 kg) |
| **Color:** | Red |
| **Mounting:** | Surface or Flush-mount |
| **Environmental** | |
| **Operating Temperature:** | 32°F to 120°F (0°C to 49°C) |
| **Humidity:** | 0 to 93% relative humidity (non-condensing) |
| **Electrical** | |
| **Primary AC:** | 120 VAC @ 60 Hz, 3.3A total<br>Total Accessory Load: 6A @ 24 VDC, power-limited |
| **Standby/Alarm Current:** | 190mA / 250mA |
| **Battery Charging Capacity** | 17 to 55AH |
| **Battery Size:** | 18AH max. allowed in the control panel cabinet.<br>Larger batteries must be housed in the RBB accessory cabinet |
| **Approved Releasing Solenoids:** | ASCO T8210A107, 24 VDC, 3A max, 0Hz<br>ASCO 8210G207, 24 VDC, 3A max, 0Hz |
| **Compatible Devices:** | FIK IDP Addressable SLC devices<br>Swift® wireless SLC devices |

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## ORDERING INFORMATION

| Part Number | Description |
|---|---|
| FCP-300 | Intelligent Fire Alarm Control Panel |
| **SBUS Accessories** | |
| FIK-RA100; FIK-RA1000R; FIK-RA2000 | Remote Annunciators |
| FIK-6815 | Signaling Line Circuit (SLC) Expander |
| FIK-RPS1000 | Remote Power Supply, 120V |
| FIK-RPS1000HV | Remote Power Supply, 220V |
| FIK-5496 | NAC Expander |
| FIK-5824 | Serial/Parallel Module |
| FIK-5880 | LED I/O Module |
| FIK-5865-3 or FIK-5865-4 | LED Annunciator |
| FIK-5883 | Relay Interface |
| **Miscellaneous Accessories** | |
| HFSS | Software Suite |
| RBB | Remote Battery Box Cabinet (use for backup batteries up to 35 AH) |
| SK-SCK | Seismic Compliance Kit |
| FIK-NIC | Network Interface Card |
| FIK-FML | Multi-Mode Fiber Card |
| FIK-FSL | Single Mode Fiber Card |