

# FA1670C

## COMMERCIAL PARTITIONED FIRE AND BURGLARY ALARM CONTROL PANEL



**Designed to integrate seamlessly with access control, video and a full range of fire and burglary components, the FA1670C provides the ultimate protection of life and property. The UL Listed Commercial Fire and Burglary panel supports hardwired, wireless and V-Plex® technologies. The FA1670C has been designed to install quickly and easily in an attack resistant cabinet and is available in 12V and 24V models. It is compatible with AlarmNet Internet and digital cellular communicators for alarm reporting and uploading/downloading.**

### FEATURES:

- Eight hardwired zones built-in
  - zones 1 and 2 can support up to 16 two wire smokes or other zone types
  - zones 1-8 can support four-wire smokes
- Expands up to 128 zones maximum with 5800 Series wireless and/or V-Plex devices
- Supports up to three graphic keypads
- 250 user codes with seven levels of authority
- Eight partitions that offer multiple user access, log-in ability from other partitions and global arming/disarming
- Master keypad option (partition 9) allows viewing status of up to eight partitions simultaneously from one alpha keypad
- Upload/download via Ethernet or radio (with AlarmNet devices)

- Carbon monoxide (CO) zone support
- Flexible zone attributes include arming with the zone faulted, vent zone re-arm (the zone is active when restored), bypass if auto-stay is enabled, be a silent zone or be included in one of 15 bypass groups
- Scheduled check-in with the compass downloader
- Event log allows most recent 1,000 selected events to be viewed via compass or alpha/graphic keypad, or to be printed from the panel
- Various levels of access control: one relay per partition can be assigned to activate momentarily when entering a valid user code followed by the 0 (zero) key; up to eight schedules can be created; support for up to 15 VistaKey modules and 500 cards
- Provides 96 outputs using 4204 and 4204CF relays and V-Plex relays
- Supports a serial and/or parallel printer output (requires 4100SM)

**Note:** Not all features are approved for fire applications.

### ORDERING:

<b>FA1670C-9</b>	Partitioned Commercial Fire/Burg Panel
<b>FA1670C9-24</b>	Includes 24V Power Supply

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## COMMERCIAL PARTITIONED FIRE AND BURGLARY ALARM CONTROL PANEL

### SPECIFICATIONS:

#### Electrical

- 18VAC/72VA transformer
- Aux power: 12VDC, 1A max
- NACs (2): 12VDC, 1.7A each; total 2.3A max
- Battery back-up: one 12VDC, 7AH min; 34.4AH max
- Optional PS24 power supply provides two 24V, 1.7A Full Wave Rectified, Unfiltered outputs

#### Output control

- Supports 96 outputs including 4204 and 4204CF relays
- Outputs may be controlled by an event, a time schedule and/or a keyfob or keypad action

#### Initiating Device Circuits (Zones):

- Eight class B zones built-in, 128 zones maximum
- 128 wireless zones
- 120 V-Plex zones

#### Accessories:

- 4204 – up to four relays – 15mA standby (each active relay draws an additional 40mA)
- 4204CF – up to two relays – 24mA standby (each active relay draws an additional 80mA)
- 5881ENHC RF Receiver – 60mA
- 5883H RF Receiver – 80mA

#### Annunciators/Keypads

- FA570CR Red Custom Alpha Annunciator – 150/45mA
- FA570KP Custom Alpha – 150mA/40mA
- FA570RF Custom Alpha RF – 150mA/50mA
- FA570VKP Custom Alpha Voice – 190mA/60mA

#### Smoke Detectors

- Supports up to 16 two-wire smoke detectors on zones 1 and 2
- Supports four wire smoke detectors

#### Agency listings

- UL864 – NFPA 72 Local, Central Station and Remote
- UL609 – Local Mercantile Premises and Mercantile Safe and Vault
- UL1610 – Central Station Burglar Alarm Standard and High-line Security
- UL365 – Police Connected Burglar Alarm Standard and High-line Security
- CSFM
- CAN/ULC S304 – Central and Monitoring Station Burglar Alarm Unit
- CAN/ULC S527 – Central Unit for Fire Alarm Systems
- CAN/ULC S303 – Local Burglar Alarm Unit
- CAN/ULC S525 – Audible Signal Appliances

#### Communications

- Compatible with AlarmNet Internet and digital cellular communicators
- True dial tone detection
- Dynamic Signalling
- Formats supported:
  - ADEMCO Contact ID
  - ADEMCO Low Speed
  - ADEMCO High Speed
  - ADEMCO 4+2 Express
  - SESCOA/Radionics

*Product specifications subject to change.*

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**Honeywell**

**First Alert Professional**

2 Corporate Center Dr. Suite 100  
P.O. Box 9040  
Melville, NY 11747

[www.firstalertprofessional.com](http://www.firstalertprofessional.com)

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