

FA1700C

PARTITIONED, UL LISTED COMMERCIAL
FIRE AND BURGLARY CONTROL PANEL



Designed to integrate seamlessly with CCTV, access control and a full range of fire and burglary components, the FA1700C provides the ultimate protection of life and property. The UL listed Commercial Fire and Burglary panel supports hardwired, wireless and Vplex technologies. The FA1700C 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 the 7845i Internet communicator and 7845GSM digital cellular communicator for alarm reporting and uploading/downloading.

FEATURES:

- 8 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 4 wire smokes
- Expands up to 250 zones maximum with 5800 wireless and/or vplex devices
- Supports up to 3 graphic keypads
- 250 user codes with 7 levels of authority
- 8 partitions that offer multiple user access, log-in ability from other partitions and global arming/disarming
- Master partition option (partition 9) which allows viewing the status of the other 8 partitions simultaneously from one alpha keypad
- One partition can be assigned as the common lobby which allows other partitions to arm while leaving the common area disarmed until all partitions have armed

- Panel linking allows authorized users to view and control the status of up to 8 panels. Authorized users can access a single partition in another panel, control the status of multiple partitions in another panel or control the status of multiple panels from one alpha keypad
- Flexible zone attributes include arming with the zone faulted, vent zone re-arm (the zone is active when restored), bypass in one of 3 stay modes, 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 8 access control schedules can be created limiting the times user codes are valid; support for up to 15 vista key modules and 500 cards. The FA1700C is also compatible with WIN-PAK SE, a single interface that combines access control and video with intrusion
- Provides 96 outputs using 4204 and 4204CF relays, FSA modules and vplex relays
- Supports a serial and/or parallel printer output (requires 4100sm or VA8201)

Valuable End User Features

- Supports 4286 VIP module
- Supports up to 32 keypad macros, each with up to 32 keystrokes, simplifying use of the system
- Cross zoning option (up to 4 pairs of zones), helps prevent false alarms
- Scheduling and output control
- Supports 4146 dual led keyswitch in one partition
- Supports Vistaview-100 CCTV switcher. Vistaview-100 has 4 video inputs and 2 video outputs
- Supports up to 8 pager telephone numbers. Numeric paging is sent directly from the panel, alpha paging requires the VA8201.

ORDERING:

FA1700C	Partitioned Commercial Fire/Burg Panel
PS24	24V Power Supply

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PROFESSIONAL
SECURITY SYSTEMS®

FA1700C

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SPECIFICATIONS:

Electrical

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

Output control

- Supports 96 outputs including 4204 and 4204CF relays, FSA-8 and FSA-24 Fire System Annunciation modules and vplex relays
- Outputs may be controlled by an event, a time schedule and/or a keyfob or keypad action

Initiating Device Circuits (Zones):

- 8 class B zones built-in, 250 zones maximum
- 249 wireless zones
- 242 Vplex zones

Accessories:

- 4204 – up to 4 relays – 15mA standby (each active relay draws an additional 40mA)
- 4204CF – up to 2 relays – 24mA standby (each active relay draws an additional 80mA)
- 4286 VIP Voice Module – 300mA/220mA
- 5881ENL supports up to 8 RF zones – 60mA
- 5881ENM supports up to 16 RF zones – 60mA
- 5881ENH supports up to 249 RF zones – 60mA
- 5881ENHC supports up to 249 RF zones – 60mA
- 5883H Transceiver supports up to 249 RF zones – 80mA
- Supports UVS – 110mA/75mA

Annunciators/Keypads

- 6160CR Red Custom Alpha Annunciator – 150/45mA
- FA570KP Custom Alpha – 150mA/40mA
- FA570RF Custom Alpha RF – 150mA/50mA
- FA570VKP Custom Alpha Voice – 190mA/60mA

- FA700KP TouchCenter Graphic Display – 280mA/180mA
- FA701VKP Graphic Touchscreen – 210mA/105mA
- FA850KPIPK Symphony – 400mA/150mA

Smoke Detectors

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

Agency listings

- UL 864 – NFPA 72 Local, Central Station and Remote
- UL 609 – Grade A local Mercantile Premises and Mercantile Safe and Vault
- UL 1610 - Grades A, AA Central Station
- UL 365 - Grades A, AA Police Connect
- 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 7845i/7845i-ent Internet Communicators and the 7845GSM Digital Cellular Communicator
- Touchtone or pulse
- True dial tone detection
- Dynamic Signalling
- Formats supported:
 - ADEMCO Contact ID
 - ADEMCO Low Speed
 - ADEMCO High Speed
 - ADEMCO 4+2 Express
 - SESCOA/RADIONICS

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FA/DS1700C
September 2007
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