

# ADEMCO

## VISTA-128FB/V128FB-24

### Commercial Fire and Partitioned Alarm Platform



Designed to integrate seamlessly with CCTV, access control and Honeywell's full range of fire and burglary components, the VISTA-128FB provides the ultimate protection of life and property. The UL listed Commercial Fire and Burglary Control Platform controls up to eight partitions, and supports up to 128 zones/points using hardwired, wireless and

addressable V-Plex technologies. A diverse line of Honeywell initiating devices, notification circuits, digital dialers, keypads, RF receivers and relays support this extremely powerful control platform. The VISTA-128FB has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models.

## FEATURES

- Supports addressable V-Plex access control points using VistaKey (1 to 8 doors)
- Supports up to 15 doors of access control using Vista Gateway Module (VGM)\*
- Supports CCTV applications with the new VistaView-100 CCTV switcher module
- Identifies the point or zone of a fire or alarm, using the new FSA-8/ FSA-24 Fire system annunciator
- Stores up to 512 events and can accommodate 150 user codes
- New E2 software simplifies programming
- Easily programmed and maintained with newly upgraded Compass Downloader software
- Eight hardwired zones standard, expandable to 120 V-Plex addressable points/zones or 128 wireless points/zones
- Can control eight separate areas independently (8 partitions)
- Two on-board notification (bell) circuits delivering 2.3A @ 12V or 3.4 amp @ 24V
- Automatic smoke detector sensitivity maintenance testing

\* Connects to Honeywell's Passpoint Access Control Systems. Maximum 32 doors.

# ADEMCO VISTA-128FB/V128FB-24

## Commercial Fire and Partitioned Alarm Platform

### SPECIFICATIONS

#### Cabinet dimensions

- 18"H X 14.5"W X 4.3"D

#### Environmental

- Storage temp: -10°C to 70°C
- Operating temp: 0°C to 50°C
- Humidity: 85% RH

#### EMI

Meets or exceeds the following requirements:

- FCC Part 15, Class B Device
- FCC Part 68
- IEC EMC Directive

#### Agency Listings

##### Burglary

- UL609 Grade A Local Mercantile Premises and
- Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect

##### Fire

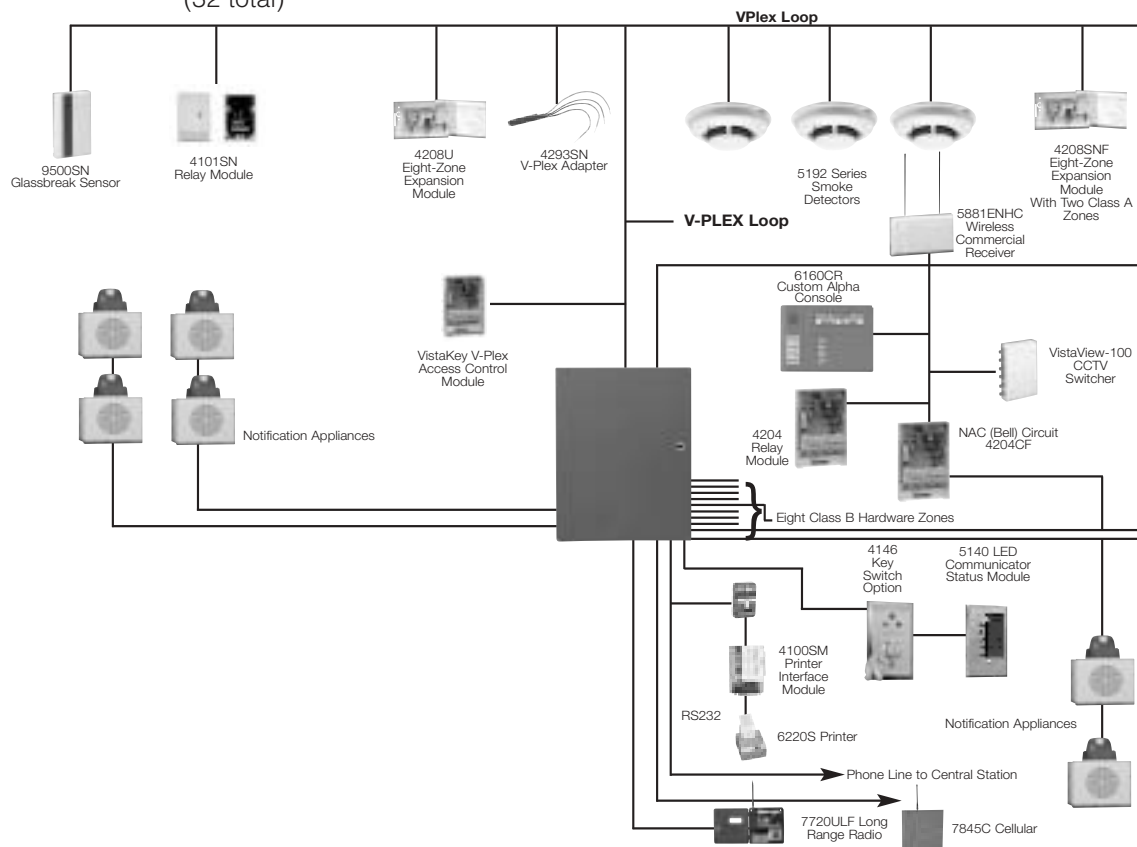
- UL864/NFPA72 Local, Central Station and Remote Station
- Factory Mutual
- California State Fire Marshal
- MEA
- UL985

#### Additional Features

- Notification Appliance Circuits (two)
  - Programmable
  - Temporal code compliant
  - Individually silenceable
- Programmable on-board auxiliary relay
- SIA false alarm reduction features:
  - Exit Error Logic
  - Exit Delay Reset
  - Cross Zoning
  - Call Waiting Defeat
  - Recent Close Report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones:
  - Provides nine style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O or N.C. sensors
  - Individually assignable to one or all eight partitions
  - Up to 16 two-wire smoke detectors each zone 1 and 2 (32 total)

- Up to 50 two-wire glass break detectors on zone eight

- Patented addressable V-Plex polling loopV-Plex technology:
  - Supports up to 120 two-wire zones/points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or aux relay
  - 4,000 ft capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone - Class A and B Extender Module
  - One zone supervised Contact Monitor Module
- UL Listed wireless expansion
  - Supports up to 128 wireless zones using 5881 Receiver



- Supervised by control for check-in signals
- Tamper protection for transmitters
- Individually assignable up to eight partitions
- Supports UL864/NFPA approved wireless smoke detectors
- Access control integration
  - Full integration with PassPoint Access Control System Complete Gateway in access functions
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Stored events for one call retrieval
- Communication
  - Phone mapping by zone response type
  - Supports VIP Interactive Phone Voice Module
  - Panel operation during download
  - Uploading equipment list to central station
  - Communication to PassPoint via Vista Gateway Module (VGM)

## Applications

Supported by a diverse line of Honeywell initiating devices, the powerful VISTA-128FB is the ideal integrated fire and burglary control for applications where a higher level of security is necessary including medical and professional buildings, supermarkets, churches and synagogues, office buildings, schools, universities, strip malls, larger residences and factory or warehouse environments.

## Installation

The VISTA-128FB alarm system has been designed to mount both quickly and easily in an attack resistant cabinet. It meets all applicable requirements for UL commercial burglary installations.

## Electrical:

Primary power:

- 18 VAC@ 72 VA No. 1451

Quiescent current draw:

- 300mA

## Backup battery

- 12VDC, 12AH min to 34AAH max
- Lead acid battery (gel type)

## Alarm power

- 12VDC, 1.7A max for each notification (bell) circuit output

## Aux. standby power

- 12VDC, 1A max

## Total power

- 2.3A at 12VDC, 3.4A at 24VDC from all sources

## Standby time

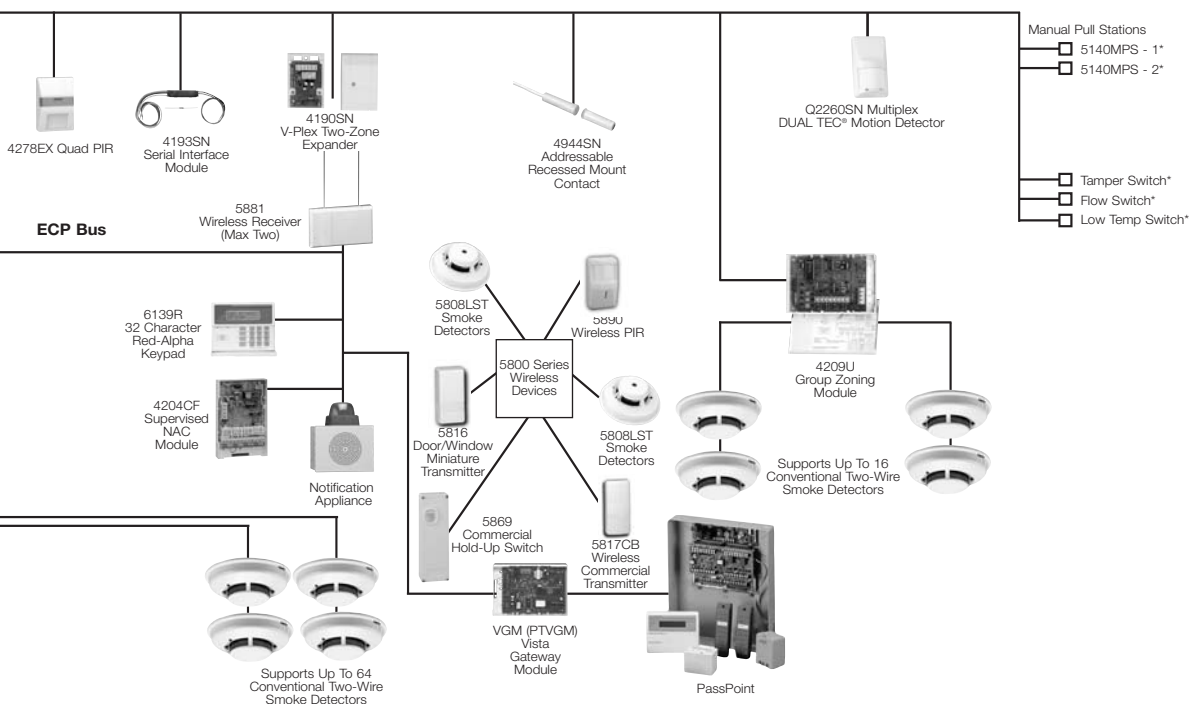
- 24 hours with 1A standby load or 60 hours with 205mA max standby load using 34AAH battery

## Fusing

- Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.

## Main dialer

- Line seize:
  - Double Pole



# ADEMCO VISTA-128FB/V128FB-24

## Commercial Fire and Partitioned Alarm Platform

### SPECIFICATIONS

#### Ringer equiv.

— 0.713

#### Formats:

— ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics

#### Auxiliary devices

- 6160CR Alpha Keypad Commercial Fire
- 6139R - Red Alpha Keypad/Annunciator
- FSA-8 & FSA-24 Fire System Annunciator
- 4204 - Relay Module, four form C contacts
- 4204CF - Two supervised output circuits
- 6220S - System printer used with 4100SM Serial Interface Module
- 5140DLM, FSA-8, FSA-24, FSAKSM Fire Annunciator

#### Two-wire and four-wire smoke detectors conventional:

- System Sensor smoke detectors

#### Horn/Strobes

- System Sensor notification appliances

#### Manual pull stations:

- 5140MPS-1
- 5140MPS-2

#### V-Plex (addressable) devices:

- 4101SN Single Relay/Zone Module
- 4190SN Remote Point Module - two zones

- 4190WH Two Point Multiplex RPM
- 4193SN Two Zone Serial Interface Module
- 4208U Loop Expansion Module - eight zones
- 4208SNF Class A/13 Expander Module
- 4209U Group Zoning Module - two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

#### V-Plex (addressable) smoke detectors

- 5192SD
- 5192SDT

#### Passive infrared detectors

- 998MX
- 4275EX-SN
- 4278EX-SN
- Quest 2260SN

#### V-Plex (addressable) contacts

- 4939SN-WH
- 4944SN-WH
- 4959SN

#### Glassbreak detectors

- 9500SN

#### VISTA Interactive Phone Module

- 4286 Voice Module

#### Optional 24V power supply

- PS24 - 24V power supply - 3.4A

#### Long range radio

- Long range radio 7720ULF-XX, 7845C, 7835CFPK

#### Upgraded software

- Upgraded Compass Downloader Windows compatible

#### Wireless devices

- 5804 - Wireless Key
- 5804BD - Bi-Directional Key
- 5804BDV - Bi-Directional with voice
- 5816 - Door/Window Transmitter
- 5819 - Shock Sensor
- 5827BD - Bi-Directional Keypad
- 5849 - Glassbreak Detector
- 5881 Series - RF Receiver supporting 5800 wireless detectors
- 5890 - PIR

#### Access control

- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control (Honeywell Access Systems)

#### CCTV

- VistaView-100-CCTV Switch Module

#### Commercial wireless devices

- 5869 - Hold up Transmitter
- 5817CB - Wireless Commercial Transmitter
- 5881ENHC - Commercial Fire/Burg Receiver
- 5808LST - Wireless Smoke Detector
- 5809 - Wireless Heat Detector

## ORDERING

|                    |   |
|--------------------|---|
| <b>VISTA-128FB</b> | Commercial Fire and Partitioned Burglary Alarm Platform 12V Model |
| <b>V128FB-24</b>   | Commercial Fire and Partitioned Burglary Alarm Platform 24V Model |

# ADEMCO VISTA-128FB/V128FB-24

## Commercial Fire and Partitioned Alarm Platform

### SPECIFICATIONS

**Cabinet dimensions**

- 18"H X 14.5"W X 4.3"D

**Environmental**

- Storage temp: -10°C to 70°C
- Operating temp: 0°C to 50°C
- Humidity: 85% RH

**EMI**

Meets or exceeds the following requirements:

- FCC Part 15, Class B Device
- FCC Part 68
- IEC EMC Directive

**Agency Listings**

**Burglary**

- UL609 Grade A Local Mercantile Premises and
- Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect

**Fire**

- UL864/NFPA72 Local, Central Station and Remote Station
- Factory Mutual
- California State Fire Marshal
- MEA
- UL985

**Additional Features**

- Notification Appliance Circuits (two)
  - Programmable
  - Temporal code compliant
  - Individually silenceable
- Programmable on-board auxiliary relay
- SIA false alarm reduction features:
  - Exit Error Logic
  - Exit Delay Reset
  - Cross Zoning
  - Call Waiting Defeat
  - Recent Close Report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones:
  - Provides nine style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O or N.C. sensors
  - Individually assignable to one or all eight partitions
  - Up to 16 two-wire smoke detectors each zone 1 and 2 (32 total)

- Up to 50 two-wire glass break detectors on zone eight
- Patented addressable V-Plex polling loopV-Plex technology:
  - Supports up to 120 two-wire zones/points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or aux relay
  - 4,000 ft capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone - Class A and B Extender Module
  - One zone supervised Contact Monitor Module
- UL Listed wireless expansion
  - Supports up to 128 wireless zones using 5881 Receiver

- Supervised by control for check-in signals
- Tamper protection for transmitters
- Individually assignable up to eight partitions
- Supports UL864/NFPA approved wireless smoke detectors
- Access control integration
  - Full integration with PassPoint Access Control System Complete Gateway in access functions
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Stored events for one call retrieval
- Communication
  - Phone mapping by zone response type
  - Supports VIP Interactive Phone Voice Module
  - Panel operation during download
  - Uploading equipment list to central station
  - Communication to PassPoint via Vista Gateway Module (VGM)

**Applications**

Supported by a diverse line of Honeywell initiating devices, the powerful VISTA-128FB is the ideal integrated fire and burglary control for applications where a higher level of security is necessary including medical and professional buildings, supermarkets, churches and synagogues, office buildings, schools, universities, strip malls, larger residences and factory or warehouse environments.

**Installation**

The VISTA-128FB alarm system has been designed to mount both quickly and easily in an attack resistant cabinet. It meets all applicable requirements for UL commercial burglary installations.

**Electrical:**

Primary power:

- 18 VAC@ 72 VA No. 1451

Quiescent current draw:

- 300mA

**Backup battery**

- 12VDC, 12AH min to 34AAH max
- Lead acid battery (gel type)

**Alarm power**

- 12VDC, 1.7A max for each notification (bell) circuit output

**Aux. standby power**

- 12VDC, 1A max

**Total power**

- 2.3A at 12VDC, 3.4A at 24VDC from all sources

**Standby time**

- 24 hours with 1A standby load or 60 hours with 205mA max standby load using 34AAH battery

**Fusing**

- Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.

**Main dialer**

- Line seize:
  - Double Pole

