

An ADEMCO Group Company

VISTA-128FB: A Powerful Platform for Fire, Burglary and Access Control.

The VISTA-128FB is a Commercial Fire and Burglary Alarm Control interfacing with Access Control to provide complete protection of life and property. The Vista-128FB now features QED programming for quick enrollment of V-Plex™ and wireless devices. The alarm control offers eight partitions in a UL listed Commercial Fire and Burglary control panel supporting up to 128 zones/points using hardwired, QED compatible wireless devices and V-Plex technologies. It also supports initiating and notification circuits, digital dialers, keypads, RF receivers and relays. In addition, the control supports scheduling capabilities. Defined operations can be automated by pressing a single keypad button to enable user defined macros. The VISTA-128FB is available in 12V and 24V models.

VISTA-128FB

Commercial Fire and Burglary Alarm Control



VISTA-128FB...optional plug-in gateway module provides interface to PassPoint's flexible access control system.

Key Features:

- ◆ Eight zones standard expandable to 128 zones/points
- ◆ Eight partitions
- ◆ 150 user codes
- ◆ Two on-board notification (bell) circuits delivering 2.3A at 12V or 3.4A at 24V
- ◆ Supports in excess of 1,000 two-wire smoke detectors
- ◆ Automatic V-Plex and wireless smoke detector maintenance reporting
- ◆ Supports UL268 Listed commercial wireless smoke detectors
- ◆ Optional gateway for high power access control integration
- ◆ Event logging storage, printing and retrieval
- ◆ Automatic scheduling features
- ◆ Easily programmed and maintained through Compass Windows™ based software

The information contained is intended to be up-to-date and accurate. All specifications are subject to change without notice. For more information, contact us at 800-645-5430 or visit our website at <http://www.ademco.com>

ISO9001 Engineering and Manufacturing
Quality Systems Certified to
International Standard ISO-9001

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ADDITIONAL FEATURES

- ◆ Notification Appliance Circuits
 - 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 hardwired, V-Plex polling loop and wireless zones
- ◆ Hardwired zones
 - Provides eight 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 on zone one and two (32 total)
 - Four-wire smoke or heat detectors on zones one to eight
 - Up to 50 two-wire glass break detectors on zone eight
- ◆ Patented V-Plex polling loop technology
 - Supports up to 120 two-wire multiplex 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
- Eight zone - Class 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 interface of VISTA and 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
- Dual dialer capability for commercial fire applications
- Communication to PassPoint via VISTA Gateway Module

APPLICATIONS

The VISTA-128FB control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO alarm notification appliances as well as initiating devices supports this extremely powerful control. Some of the applications supported are: medical and professional buildings, supermarkets, churches or synagogues, office buildings, schools, universities, strip malls, 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 Fire and Burglary installations and NFPA72.

SPECIFICATIONS

Electrical:

Primary Power:

- 120VAC to ADEMCO No. 1451 Transformer Secondary rated 18VAC, 72VA

Quiescent Current Draw:

- 350mA

Backup Battery:

- 12VDC, 12AH min to 34.4AH max
- Lead acid battery (gel type)

Alarm Power:

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

Aux. Standby Pwr:

- 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 34.4AH 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

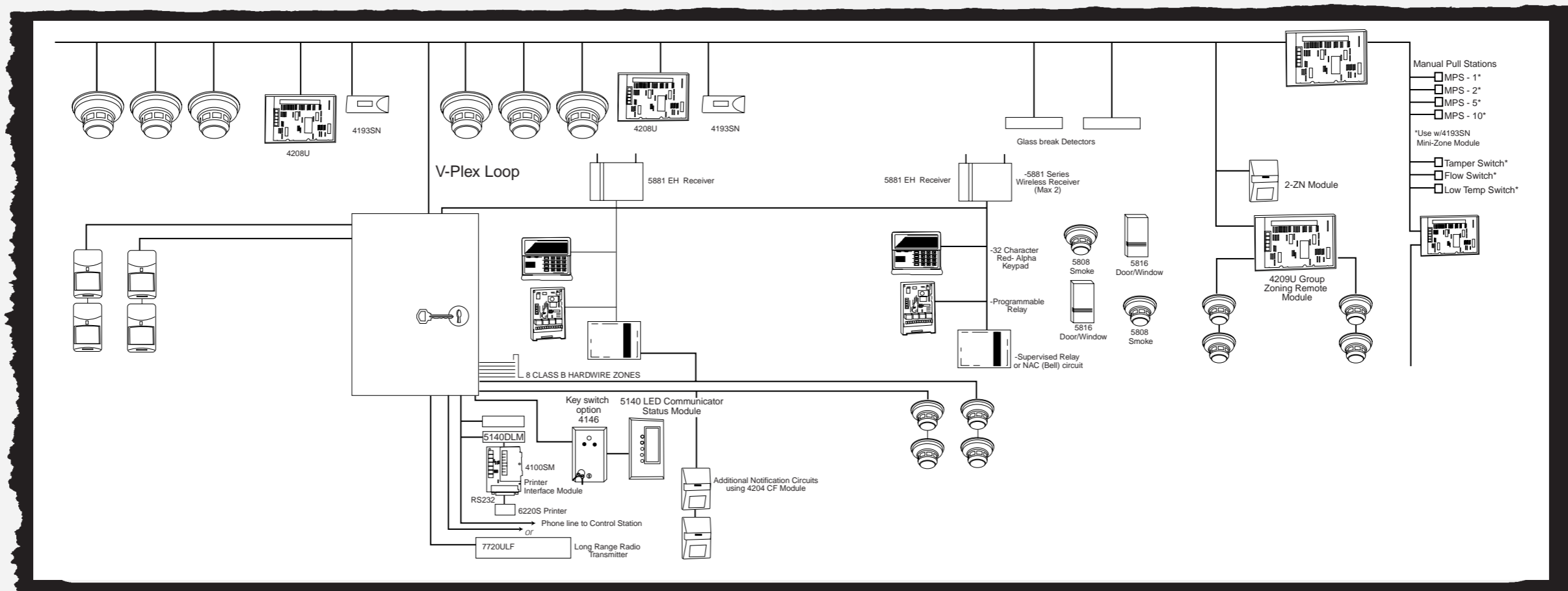
Ringer Equiv.:

- 0.7B

Formats:

- ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, SESCOA and RADIONICS

Mechanical:



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VISTA-128FB

Commercial Fire and Partitioned Alarm Control

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 (Pending)

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 Marshall
- MEA
- UL985

COMPATIBLE DEVICES

Auxiliary Devices:

- 6139R - red alpha keypad
- 5140DLM - backup dialer module
- 5140LED - LED annunciator module
- 4204 - relay module, four form C contacts
- 4204CF - four supervised output circuits
- 5881EH - RF receiver supporting 5800 wireless detectors
- 6220S - system printer used w/4100SM serial module

Two-Wire Smoke Detectors Conventional:

- 2100 Series Photoelectric
- 2400 Series Photoelectric
- 1100 Series Ionization

Four-Wire Smoke Detectors Conventional:

- 2112/24 Series Photoelectric
- 1412 Series Ionization

Horn/Strobes:

- HS121575
- HS241575
- H1224
- S121575
- S241575

Manual Pull Stations:

- 5140MPS Series

V-Plex Devices:

- 4208U Loop Expansion Module - eight zones
- 4209U Group Zoning Module - two/four zones
- 4190WH Remote Point Module - two zones
- 4193SN Two Zone Serial Interface Module
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

Smoke Detectors:

- 4192M Series

Passive Infrared Detectors:

- 998MX
- 4275EX
- 4287EX-SN

Contacts:

- 4194WH
- 4939SN
- 4944SN
- 4959SN

Glass Break Detectors:

- 7500
- 9500

VISTA Interactive Phone Module

- 4285 VIP Module

Optional 24V Power Supply

- PS24 - 24V power supply - 3.4A

Long Range Radio:

- 7720 - Long Range Radio

Software:

- Compass Downloader - Windows compatible
- V-Link - DOS Downloader

Wireless Devices: (for use with QED control panels only)

- 5804BD - Bi-directional Key
- 5808 - Wireless Smoke Detector
- 5816 - Door/Window Transmitter
- 5804 - Wireless Key
- 5827BD - Bi-directional Keypad
- 5890 - PIR
- 5849 - Glass Break Detector
- 5819 - Shock Sensor

ORDERING INFORMATION:

Part No.	Description
VISTA-128FB	Commercial Fire and Partitioned Burglary Alarm Control
VISTA-128FB-24	Commercial Fire and Partitioned Burglary Alarm Control 24V Model