

VISTA-32FB



The VISTA-32FB is a Commercial Fire and Burglary Alarm Control interfacing with Access Control to provide complete protection of life and property. The VISTA-32FB now features automatic smoke detector calibration maintenance alert for its addressable V-Plex™ and wireless commercial photoelectric detectors. The alarm control offers two partitions in a UL Listed Commercial Fire and Burglary control panel supporting up to 32 zones/points using hardwired, compatible wireless devices and addressable 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.

FEATURES

- ◆ Eight zones standard expandable to 32 zones/points
- ◆ Two partitions
- ◆ 75 user codes
- ◆ Two on-board notification (bell) circuit delivering 2.3A at 12V
- ◆ Supports in excess of 500 two-wire smoke detectors
- ◆ Addressable V-Plex loop can use existing or standard wire
- ◆ Automatic addressable V-Plex and wireless commercial smoke detector maintenance reporting
- ◆ Controls up to four card access readers
- ◆ Event logging storage, printing and retrieval
- ◆ Automatic scheduling features
- ◆ Easily programmed and maintained through Compass Windows™ based software

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 (PENDING)

- ◆ FCC Part 15, Class B; FCC Part 68
- ◆ UL Residential and Commercial
- ◆ UL864/NFPA Local Fire
- ◆ UL864/NFPA Central and Remote Station Fire
- ◆ UL609 Grad A Local Mercantile Premises/Local Mercantile Safe and Vault
- ◆ UL365 police Station Connected Burglar Alarm
- ◆ Grade AA Service (with LRR Model 7920SE)
- ◆ UL611/UL610 Central Station Burglar Alarm
- ◆ California State Fire Marshal
- ◆ FM
- ◆ MEA

Improve competitive positioning to penetrate low end combination commercial fire/burg market with a more cost effective panel that is feature rich!

VISTA-32FB

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 on zone one and two
 - Up to 50 two-wire glass break detectors on zone eight
- ◆ Patented addressable V-Plex polling loop technology
 - Supports up to 24 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
- 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 32 wireless zones/points using 5881EH 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
 - Access control integration can incorporate up to four card readers
- ◆ 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

APPLICATIONS

The VISTA-32FB control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO 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, larger residences and factory or warehouse environments.

INSTALLATION

The VISTA-32FB alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire installations.

SPECIFICATIONS

Electrical:

- Primary power:**
 - 16.5VAC @ 40VA ADEMCO No. 1361
- Quiescent current draw:**
 - 250mA
- Backup battery:**
 - 12VDC, 7AH min to 17.2AH max
 - Lead acid battery (gel type)

Alarm power:

- 12VDC, 1.7A max for the notification (bell) circuits output (total 2.3A)

Aux¹ standby pwr:

- 12VDC, .75A max

Total power:

- 2.3A at 12VDC

Standby time:

- 24 hours with 1A standby load

Fusing:

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

Main Dialer:

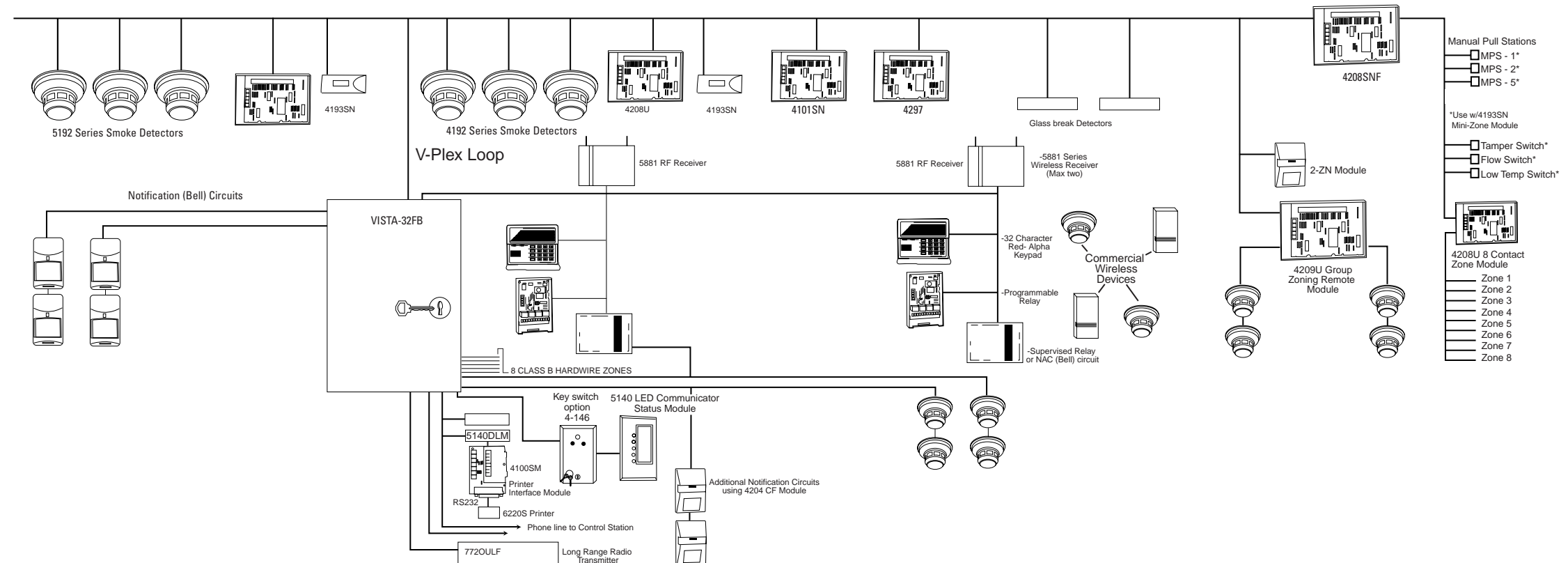
- Double Pole

Ringer equiv¹:

- 0.7B

Formats:

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



VISTA-32FB

COMPATIBLE DEVICES

See ADEMCO Group control accessories compatibility chart for complete list

Auxiliary devices:

- ◆ 6139R - red alpha keypad/annunciation
- ◆ 5140LED - LED annunciator module
- ◆ 4204 - relay module, four form C contacts
- ◆ 4204CF - two supervised output circuits
- ◆ 5881Series - RF receiver supporting 5800 wireless detectors
- ◆ 6220S - system printer used with 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:

- ◆ System Sensor Notification Appliances

Manual pull stations:

- ◆ 5140MPS Series
- ◆ MPS-5

V-Plex (addressable) devices:

- ◆ 4208U Loop Expansion Module - eight zones
- ◆ 4209U Group Zoning Module - two/four zones
- ◆ 4190SN Remote Point Module - two zones
- ◆ 4193SN Two Zone Serial Interface Module
- ◆ 4293SN One Zone Serial Interface Module
- ◆ 4297 Isolation/Extender Module
- ◆ 4101SN Relay Module
- ◆ 4208SNF Eight Zone/2 Class A/6 Class B Expander module

V-Plex (addressable) Smoke Detectors:

- ◆ 4192M Series

Passive infrared detectors:

- ◆ 998MX
- ◆ 4275EX
- ◆ 4287EX-SN

V-Plex (addressable) Contacts:

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

Glass break detectors:

- ◆ 7500
- ◆ 9500

Long range radio:

- ◆ 7720 - Long range radio

Software:

- ◆ Compass Downloader - Windows compatible

Wireless devices:

- ◆ 5804BD - Bi-directional key
- ◆ 5808 - Wireless smoke detector with sounder
- ◆ 5808C - Wireless smoke detector without sounder
- ◆ 5809 - Wireless heat 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-32FB	Commercial Fire and Partitioned Burglary Alarm Control