

VISTA-128B



VISTA128B
optional plug-in gateway module provides interface to PassPoint's flexible access control system!

The VISTA-128B is a Commercial Burglary Alarm Control interfacing with Access Control to provide complete protection of life and property. The Vista-128B can be connected to ADEMCO PassPoint system (via the Vista-Gateway Module) to provide a fully integrated security and control system. The alarm control offers eight partitions in a UL Listed Commercial Burglary control panel supporting up to 128 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. The VISTA-128B is available in a 12V model.

Key Features

- ◆ Nine zones standard expandable to 128 zones/points
- ◆ Eight partitions
- ◆ 150 user codes
- ◆ One on-board notification (bell) circuit delivering 1.7A at 12V for burglary applications
- ◆ Up to 16-2 wire smoke detectors on zone 1
- ◆ Seven authority levels
- ◆ Up to 50-2 wire latching break-glass detectors on zone 8
- ◆ Optional gateway for high power access control integration (pending)
- ◆ Event logging storage, printing and retrieval
- ◆ Automatic scheduling features
- ◆ Easily programmed and maintained through Compass Windows™ based software

Mechanical:

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

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ADDITIONAL FEATURES

- ◆ Notification Appliance Circuit:
 - Programmable
 - Temporal code compliant
- ◆ 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 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
 - 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
- 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
 - Communication to PassPoint via VISTA Gateway Module

APPLICATIONS

The VISTA-128B 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

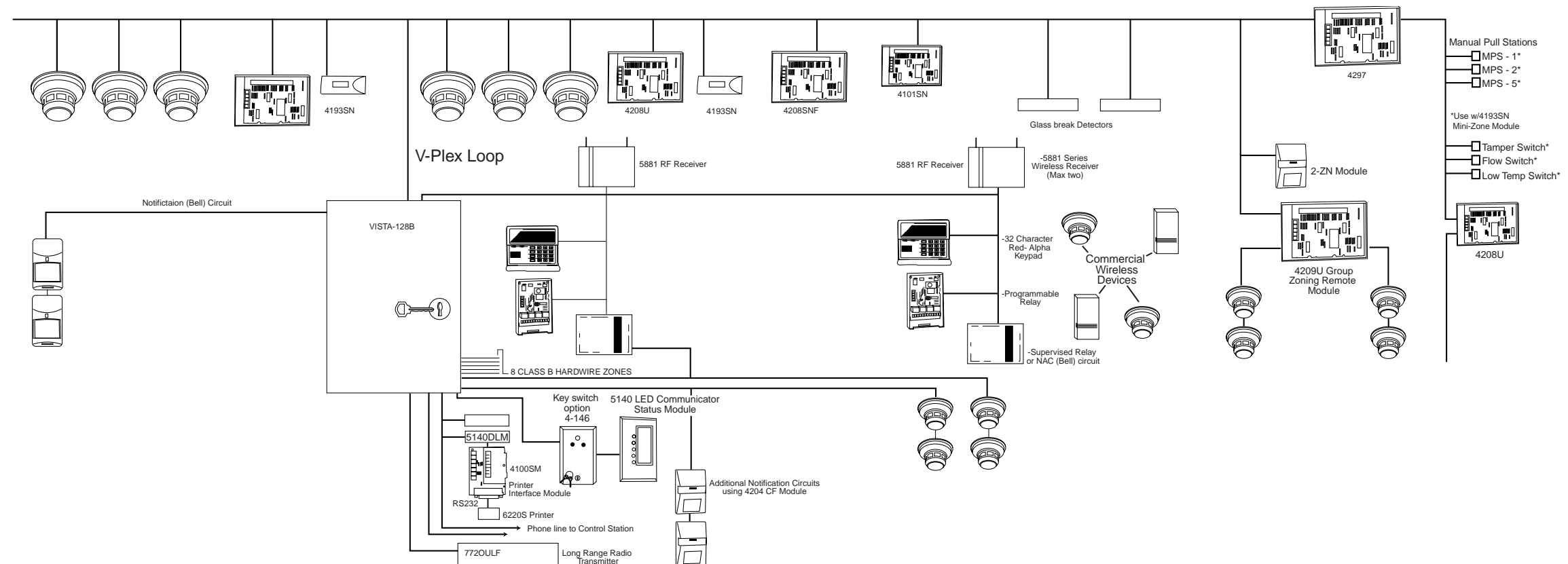
The VISTA-128B alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial Burglary installations, use the Vista-ULKT kit when an attack resistant enclosure is required.

SPECIFICATIONS

Electrical:

- Primary power:**
 - 16.5VAC @ 40VA ADEMCO No. 1361
- Quiescent current draw:**
 - 250mA
- Backup battery:**
 - 12VDC, 4AH min to 17.2AH max

- Lead acid battery (gel type)
- Alarm power:**
 - 12VDC, 1.7A max for the notification (bell) circuit output
 - 12VDC, .75A max for fire/burg applications
- Aux¹ standby pwr:**
 - 12VDC, .75A max
- Total power:**
 - 1.7A at 12VDC, from all sources
- Standby time:**
 - See installation instructions for calculating stand-by battery requirements
- 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 equivl:**
 - 0.7B
- Formats:**
 - ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics



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COMPATIBLE DEVICES

See ADEMCO Group control accessories compatibility chart for complete list

Auxiliary devices:

- ◆ 6139 - alpha keypad/annunciator
- ◆ 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
- ◆ 4190WH Remote Point Module - two zones
- ◆ 4193SN Two Zone Serial Interface Module
- ◆ 4293SN One Zone Serial Interface Module
- ◆ 4208SNF Eight Zone/2 Class A/6 Class B Expander module
- ◆ 4297 Isolation/Extender Module

V-Plex (addressable) Smoke Detectors:

- ◆ 4192M Series
- ◆ 5192 Series

Passive infrared detectors:

- ◆ 998MX
- ◆ 4275EX
- ◆ 4287EX-SN

V-Plex (addressable) Contacts:

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

Glass break detectors:

- ◆ 7500
- ◆ 9500

VISTA interactive phone module

- ◆ 4285 VIP Module

Long range radio:

- ◆ 7720 - Long range radio

Software:

- ◆ Compass Downloader - Windows compatible

Wireless devices:

- ◆ 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

UL Attack Enclosure

- ◆ Vista-ULKT UI attack resistant enclosure

Ordering Information

Part No.	Description
VISTA-128B	Commercial Partitioned Burglary Alarm Control