# VISTA-250FBPT

## VISTA® Commercial Partitioned Fire and Burglary Alarm Control Panel

The VISTA-250FBPT provides the ultimate protection for life and property. This commercial fire and burglary control panel supports up to eight partitions and up to 250 zones/points using hardwired, wireless and V-Plex® addressable technologies. A diverse line of Honeywell Home initiating devices, notification appliances, communication devices, keypads, RF receivers and relays satisfy a wide range of installation requirements.

The VISTA-250FBPT control is suitable for fire-only applications, as well as for installations requiring integrated fire/burglary systems. It is the perfect solution for medical and professional office buildings, churches and synagogues, banks, schools, strip malls, and factory or warehouse environments.

VISTA-250FBPT is compatible with a number of AlarmNet® communication products for alarm reporting, uploading/downloading and Resideo Total Connect Remote Services.

## FEATURES AND BENEFITS

- Eight hardwired zones standard, expandable to 250 using V-Plex addressable points/zones
- Supports up to 250 wireless zones (fewer if using hardwired and/or V-Plex zones)
- Can control eight separate areas independently (8 partitions)
- Common lobby partition – auto arm or disarm based upon assigned partitions
- Master partition – used for viewing status of all partitions
- Supports commercial wireless fire and burglary devices
- Stores up to 1000 events

- Accommodates 250 user codes and up to 500 access card holders using VISTAKEY®
- Supports V-Plex addressable VISTAKEY access control (1 to 15 doors)
- Two on-board NACS delivering a total of 2.3A @ 12V
- Automatic smoke detector sensitivity maintenance testing
- Four-wire smoke reset using on-board Form C relay
- Supports Dynamic Signaling for AlarmNet Communicators
- Supports Internet and GSM alarm reporting

- Supports graphical user interfaces for burglary use (e.g. 6280 and Tuxedo Touch™)
- Supports 6160CR-2 multi-LED fire keypad
- Upload/download via AlarmNet® Communicators
- Carbon monoxide (CO) zone support
- On-board serial port for communication with WIN-PAK®, Pro-Watch® and approved third-party applications
- Supports Total Connect Remote Services*

  *Event reporting only for fire partition.

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and Burglary Alarm Control Panel

## ADDITIONAL FEATURES

- Notification Appliance Circuits (two):
  - Programmable
  - Individually silenceable
- 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 eight style B hardwired zones
  - EOLR supervised for Fire and UL burglary installations
  - Supports N.O. or N.C. sensors
  - Individually assignable to any of eight partitions (all fire zones on partition 1)
  - Up to 16 conventional two-wire smoke detectors each on zone one and two (32 total)

- Patented addressable V-Plex polling loop technology
  - Class B, Style 3 SLC
  - Supports 242 two-wire addressable points
  - Global polling technology for faster processing
  - Supervised by panel
  - Zones individually assignable to partitions and notification circuit (bell) output or auxiliary relay
  - 4,000 ft. capability without the use of shielded cable
  - Extender/Isolation bus modules
  - Eight zone – Class A and B expander module
  - Eight zone – Class B expander module
  - Single-zone supervised contact module
  - Single relay module for auxiliary fire functions
  - Supports anti-masking feature on "smart" motion detectors (e.g. DT7500SN)

- UL Listed wireless expansion
  - Supports up to 250 wireless zones/points
  - Supervised by control for check-in signals
  - Tamper protection for transmitters
  - Individually assignable to one of eight partitions
  - Supports commercial wireless smoke detectors
- Up to 15 doors using VISTAKEY® V-Plex Access Control
- Event reporting
- Local printer for event log printing
- Communication
  - Phone line, GSM and IP communicator support
  - Panel operation during download
  - Four or 10-digit subscriber account numbers
- Extra security feature that requires master code to allow installer into program mode (enabled through Compass Downloader)

# VISTA-250FBPT Technical Specifications

**Electrical:**

**Primary power:** 18VAC @ 72VA
Honeywell Home No. 1451-UL9

**Control panel quiescent current
draw:** 300mA

**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
Total 2.3A @ 12V

**Aux. standby pwr:** 12VDC, 1A max

**Total power:** 2.3A at 12VDC

**Standby time:** 24 hours with 1A
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.
Optional 24-volt kit

**Communications:**

**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

Dual phone line capability using
5140DLM module

**AlarmNet® Communicators:** GSM,
i-GSM and IP Communicators

**Cabinet Dimensions:**
18" H x 14.5" W x 4.3"D

**Environmental:**

**Storage temp:** 14°F to 158°F (-10°C
to 70°C)

**Operating temp:** 32°F to 122°F (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:**

UL864 – Control Units and Accessories
for Fire Alarm Systems

ULC-S559-04 – Equipment for Fire
Signal Receiving Centers and Systems

UL1076 – Proprietary Burglar Alarm
Units and Systems

UL1610 – Central Station Burglar
Alarm Units

CAN/ULC-S304-06 – Signal Receiving
Centre and Premise Burglar Alarm
Control Units

UL1635 – Digital Alarm Communicator
System Units

UL365 – Police Station Connected
Burglar Alarm Units and Systems

UL609 – Local Burglar Alarm Units and
Systems

UL985 – Household Fire Warning
System Units

UL1023 – Household Burglar Alarm
System Units

ULC-S545-02 – Residential Fire
Warning System Control Units

ULC/ORD-C1023-74 – Preliminary
Standard for Household Burglar Alarm
System Units

ULC-S303-M91 – Standard for Local
Burglar Alarm Units and Systems

Factory Mutual (FM)

California State Fire Marshal (CSFM)

FDNY Certificate #6140

# VISTA-250FBPT Compatible Devices

**Auxiliary Devices:**
- 6160CR-2 – Red Fire Keypad
- 6160 – Burglary Keypad
- 6280, Tuxedo Touch™, Tuxedo Touch with Wi-Fi® Graphic Keypads – Burglary
- 4204 – Relay Module, four Form C contacts
- 4204CF – Two supervised NAC circuits
- 5881ENHC Series RF receivers
- 5883H RF receiver
- 6220S – System printer

**Two-wire Conventional Smoke Detectors:**
- System Sensor
- ESL
- DSC

**Horn/Strobes:**
- System Sensor
- Wheelock
- Gentex

**Manual Pull Stations:**
- 5140MPS-1
- 5140MPS-2

**V-Plex® (Addressable) Devices:**
- 4208U Universal Eight-zone Expansion Module
- 4208SN Eight-zone Expansion Module
- 4208EX Universal Eight-zone Expansion Module (Canada)
- 4101SN Single Relay/Zone Module
- 4208SNF Class A/B Expander Module

- 4190SN Remote Point Module – two zones
- 4193SN and 4193SNP Two-zone Expander Modules

**V-Plex Extender/Isolation Modules:**
- 4297 Extender/Isolator Module
- VSI Isolator Module

**V-Plex Smoke Detectors:**
- 5193SD
- 5193SDT
- 5192SDTA

**V-Plex Passive Infrared Detectors:**
- IS2500SN
- DT7500SN

**V-Plex (Addressable) Contacts:**
- 4939SN-WH
- 4959SN

**V-Plex Glassbreak Detectors:**
- FG1625SN

**Seismic Detectors:**
- SC100
- SC105

**Commercial Wireless Devices:**
- 5808W3/5808W3A – Photoelectric Smoke/Heat Detector
- 5806W3 – Photoelectric Smoke Detector
- 5809 – Wireless Heat Detector
- 5817CB – Wireless Commercial Transmitter

- 5869 – Hold-Up Transmitter
- 5800CO/5800COA – Carbon Monoxide Detector
- 5800PIR-COM – Commercial PIR

**Access Control:**
- VISTAKEY® V-Plex® (addressable) Access Control
- VISTAKEY-SK Starter Kit
- VISTAKEY-EX Expansion Kit
- Integrates with WIN-PAK® and Pro-Watch® systems

**Alarm Communications U.S.:**
- GSMV4G – Digital Cellular Communicator with Two-way Voice Transport Capability
- iGSMV/iGSMV4G – Internet and Digital Cellular Communicator
- iGSMCF/iGSMCFP4G – Commercial Fire Digital Cellular Communicator with Internet
- iGSMHS//iGSMHS4G – High Security Internet and Digital Cellular Communicator
- 7845i-ENT – Internet/Intranet Enterprise Communicator
- 7847i – Internet Communicator

**Canada**
- GSMV4GCN – Digital Cellular Communicator with Two-way Voice Transport Capability
- iGSMVCN/iGSMVCN4G – Internet and Digital Cellular Communicator

Product specifications subject to change.

## ORDERING

| V250FBPT | Commercial Fire and Partitioned Burglary Alarm Control Panel 12V Model |
|---|---|
| V250FBPT24KT (U.S. Only) | Commercial Fire and Partitioned Burglary Alarm Control Panel with External 24V Power Supply (6A, four outputs, synchronized) |

**For more information**

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