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 & 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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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 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, 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 up to 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)

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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

Backup Communication:

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/NFPA72 Local, Central Station and Remote Station

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

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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 Smoke Detectors Conventional

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

5193SDTA

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 DigitalCellular 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 Information

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)

resideo

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