



Reviewed for Fire Code Compliance  
Leslie Jackson  
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**PRODUCT DATA SUBMITTAL**

**FIRE ALARM SYSTEM**  
PRODUCT DATA SUBMITTALS

**PREPARED FOR:**

**STAPL COTN**

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Prepared By:  
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Product Information  
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## VISTA-250FBP/V250FBP-24

COMMERCIAL PARTITIONED FIRE AND  
BURGLARY ALARM CONTROL PANEL



Now UL864 9th Edition Approved

Designed to integrate seamlessly with CCTV, access control and Honeywell's full range of fire and burglary components, the new VISTA-250FBP provides the ultimate protection of life and property. The UL Listed 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 initiating devices, notification circuits, communication devices, keypads, RF receivers and relays are also supported. The VISTA-250FBP has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models.

## FEATURES

- Comes standard with eight hardwired zones, expandable to 242 V-Plex addressable points/zones or 250 wireless points/zones
- Can control eight separate areas independently (eight partitions)
- Supports commercial wireless fire and burglary devices
- Stores up to 1,000 events
- Supports V-Plex addressable VistaKey access control (up to 15 doors)
- Accommodates 150 user codes and up to 500 access card holders using VistaKey
- Two on-board notification (bell) circuits delivering 2.3A @ 12V or 3.4A @ 24V
- Automatic smoke detector sensitivity maintenance testing
- Four-wire smoke reset using onboard J2 output trigger
- Supports Dynamic Signaling for AlarmNet communicators used in conjunction with the phone line
- Supports remote control via AlarmNet Total Connect Services\*
- Supports Internet Alarm Reporting\*
- Notification Appliance Circuits (two):
  - Programmable
  - Individually silenceable
- Programmable on-board auxiliary relay
- False alarm reduction features:
  - Exit error logic
  - Exit delay reset
  - Cross zoning
  - Call waiting defeat
  - Recent close report
- Hardwired zones:
  - Provides eight style B hardwired zones
  - Supports N.O. or N.C. sensors
  - Individually assignable to any partition – Up to 32 two-wire smoke detectors each on zones one and two (64 total)
  - Up to 50 two-wire glassbreak detectors on zone eight
  - EOLR supervised for Fire and UL burglary installations
- Listed to UL864 9th Edition
- Upload/download via Ethernet\*
- Carbon Monoxide (CO) zone support

\*When used with AlarmNet devices.

# VISTA-250FBP/ V250FBP-24

COMMERCIAL PARTITIONED FIRE AND  
BURGLARY ALARM CONTROL PANEL

# Honeywell

## ADDITIONAL FEATURES

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- Patented addressable polling loop technology
  - Supports 242 two-wire zone 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
  - One zone supervised contact monitor module
- 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
- Access Control Integration
  - Full integration with PassPoint Access Control System
- Up to 15 doors using VistaKey Access Control
- Event reporting
- Local printer of access or VISTA related events
- Communication
  - Phone mapping by zone response type
  - Panel operation during download

### Applications

Supported by a diverse line of Honeywell initiating devices, the VISTA-250FBP is the ideal integrated fire and burglary control for applications where a high level of security is necessary. Some examples of applications include: medical and professional buildings, supermarkets, churches, synagogues, schools, universities, strip malls, factories, warehouses, and larger residences.

## SPECIFICATIONS

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### Electrical

- Primary power: 18VAC @ 72VA  
ADEMCO No. 1451
- 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, 3.4A at 24VDC from all sources
- 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 power supply, PS 24 supplies two 24 VFW, 1.7A full wave rectified, unfiltered outputs

### 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
- Dual phone line capability (using 5140DLM module)

### 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

- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect
- UL864/NFPA72 Local, Central Station and Remote Station
- UL985
- Factory Mutual
- California State Fire Marshal
- MEA
- CAN/ULC S304 – Central and Monitoring Station Burglar Alarm Unit
- CAN/ULC S527 – Central Unit for Fire Alarm Systems
- CAN/ULC S303 – Local Burglar Alarm Unit
- CAN/ULC S525 – Audible Signal Appliances

# VISTA-250FBP/V250FBP-24

COMMERCIAL PARTITIONED FIRE AND BURGLARY ALARM CONTROL PANEL

## COMPATIBLE DEVICES

### Auxiliary Devices

- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series RF receiver
- 5883H RF receiver
- 6220S – System printer used with 4100SM serial module
- 6160CR-2 – Red Fire Keypad
- 6160 – Burglary Keypad

### 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) Zone Expanders

- 4101SN Single Relay/Zone Module

- 4190SN Remote Point Module – two zones
- 4193SN Two Zone Serial Interface Module
- 4208SNF Class A/B Expander Module
- 4208U Loop Expansion Module – eight zones
- 4293SN One Zone Serial Interface Module

### V-Plex Extender/Isolation Modules

- 4297 Extender/Isolator Module
- VSI Isolator Module

### V-Plex Smoke Detectors

- 5193SD
- 5193SDT

### V-Plex Passive Infrared Detectors

- 998MX
- IS2500SN
- DT7500SN

### V-Plex (Addressable) Contacts

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

### V-Plex Glassbreak Detectors

- FG1625SN

### Optional 24V Power Supply

- PS24 – 24V power supply – 3.4A

### Commercial Wireless Devices

- 5808W3 – Photoelectric Smoke/Heat Detector
- 5806W3 – Photoelectric Smoke Detector
- 5809 – Wireless Heat Detector
- 5817CB – Wireless Commercial Transmitter
- 5869 – Hold up Transmitter
- 5881ENHC – RF Receiver
- 5883H – RF Receiver

### Access Control

- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit

### Alarm Communications

- 7845i-ENT – Internet/Intranet Communicator
- 7845GSM – Digital Cellular Communicator
- 7845i-GSM – Internet and Digital Cellular Communicator
- GSMCF/iGSMCF – Commercial Fire Communication Kits (when available)

Product specifications subject to change.

## ORDERING

<b>V250FBP-9</b>	Commercial Fire and Partitioned Burglary Alarm Control Panel 12V Model
<b>V250FBP9-24</b>	Commercial Fire and Partitioned Burglary Alarm Control Panel 24V Model

For more information: [www.honeywell.com/security/hsc](http://www.honeywell.com/security/hsc)

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## 4G LTE+IP

### LTE and Internet Multi-Path Communicators

Honeywell Home is focused on providing the best alarm communication solutions for the security industry. Alternative communication methods are critical in the marketplace due to inconsistencies in VoIP, migration from POTS and the evolution of cellular networks. LTE network connectivity provides the longest viable cellular lifespan available.

All signals are delivered to the AlarmNet® Network Control Center, which routes the information to the appropriate central station. The state-of-the-art AlarmNet Network Control Center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using AlarmNet-i and 800 PLUS services, providing true redundancy and multi-path message delivery.

### Honeywell Home End-to-End Solutions



## FEATURES

- **4G LTE network and IP compatibility**
- **Full Contact ID**  
Contact ID reporting using ECP mode with compatible Honeywell Home control panels.
- **256-bit AES Encryption**  
Advanced encryption standard used for secure communications.
- **Upload/Download**  
Available with select Honeywell Home control panels. Requires Compass version 1.5.8.54a or higher.
- **Diagnostic LEDs**  
Provide signal strength and status indications.
- **QOS**  
Quality of Service diagnostics via AlarmNet supply vital information including when a message was received, battery voltage, input voltage, signal strength and message path.
- **AlarmNet360™ Online Management Platform**  
Remote programming and diagnostics to improve business efficiencies and reduce truck rolls. [www.alarmnet360.com](http://www.alarmnet360.com)
- **Remote Services Capability\***  
Optional Resideo Total Connect Remote Services — Boost RMR while providing on-the-go security and home control, video viewing, and real-time alerts, anytime, anywhere, on any PC or smart device.
- **FOTA Firmware Upgrading**  
Complete over-the-air firmware upgrading capability. Provides remote service management ability.
- **Dual Technology Reporting**  
Provides IP and cellular transmission paths with added flexibility and reliability. (LTE-IV, LTE-IA, LTE-IC)
- **Six Input Zones**  
Used for universal control panel compatibility. (LTE-IV, LTE-IA, LTE-IC)
- **Built-in Power Supply/ Backup Battery**  
On-board charging circuit design accommodates back-up battery. Includes primary power and battery supervision. 6V 3.1Ah battery supplied to deliver up to 24 hours of standby operation.



**VISTA 4G LTE  
Multi-Path  
Communicators  
(LTE-IV/LTE-IA/  
LTE-IC)**



<b>DESCRIPTION</b>	<ul style="list-style-type: none"> <li>• Multi-path IP and Cellular Technologies</li> <li>• Integrated VISTA ECP design</li> <li>• LTE CAT1</li> </ul>
<b>PANEL COMPATIBILITY</b>	All VISTA® controls with ECP radio support. Universal panel compatible using zone inputs.
<b>DIMENSIONS</b>	8.4" x 8.0" x 1.5" (21.3cm x 20.3cm x 3.8cm)
<b>ELECTRICAL</b>	<ul style="list-style-type: none"> <li>• <b>Input Power:</b> 16.5V AC, 40VA transformer, Model No. 1361</li> <li>• <b>Backup Battery:</b> 6V, 3.1AH</li> </ul>
<b>RF</b>	<b>Antenna:</b> Internal Penta-Band antenna with receive diversity for LTE CAT1. Average 3.8dBi gain.
<b>ENVIRONMENTAL</b>	<p><b>Operating Temperature:</b> -4° to 131° F (-20° to 55° C)</p> <p><b>Storage Temperature:</b> -40° to 158° F (-40° to 70° C)</p>
<b>AGENCY LISTINGS</b>	ETL Listed



**VISTA 4G LTE  
Multi-Path  
Communicators  
(LTE-CFA/LTE-CFV)**



<b>DESCRIPTION</b>	Commercial Fire Internet and LTE Communicator		
<b>PANEL COMPATIBILITY</b>	VISTA-32FB, VISTA-32FBT, VISTA-128FBP, VISTA-128FBPT, VISTA-250FBP, VISTA-250BPT.		
<b>DIMENSIONS</b>	15.0"H X 12,75"W x 3.0" D		
<b>ELECTRICAL</b>	12VDC supplied by the control panel 90mA Standby, 105Ma active		
<b>RF</b>	<b>Frequency</b>	<b>Peak Gain (dBi)</b>	<b>Radiation</b>
	698 to 960 MHz	0.84 to 1.09	Omni-directional
	1710 to 2170 MHz	1.81 to 1.87	Omni-directional
<b>ENVIRONMENTAL</b>	<p><b>Operating Temperature:</b> 0°C to 49°C</p> <p><b>Storage Temperature:</b> -40° to 158° F -40° C to 70° C</p>		
<b>AGENCY LISTINGS</b>	UL864 10 <sup>th</sup> Edition, CSFM		



# SPECIFICATIONS

## VISTA 4G LTE Multi-Path Communicators (LTE-HSV)



<b>DESCRIPTION</b>	High Security Internet and Cellular Communicator
<b>PANEL COMPATIBILITY</b>	VISTA® Control panels with ECP radio support. Universal panel compatible using zone inputs
<b>DIMENSIONS</b>	8.4" x 8.0" x 1.5" (21.3cm x 20.3cm x 3.8cm)
<b>ELECTRICAL</b>	<ul style="list-style-type: none"> <li>• <b>Input Power:</b> 16.5V AC, 40VA transformer,</li> <li>• <b>Backup Battery:</b> 319mA Standby, 380Ma active</li> </ul>
<b>RF</b>	<b>Antenna:</b> Internal Penta-Band antenna with receive diversity for LTE CAT1 Average 3.8dBi gain.
<b>ENVIRONMENTAL</b>	<b>Operating Temperature:</b> -4° to 131° F (-20° to 55° C) <b>Storage Temperature:</b> -40° to 158° F (-40° to 70° C)
<b>AGENCY LISTINGS</b>	UL365, UL1610, Encrypted Line Security, NIST

## ORDERING

### U.S.

LTE SKU	Carrier	Panel Compatibility	Replaced 3G/4G CDMA Radio
LTE-IA	AT&T	VISTA-15P VISTA-20P VISTA-128BPT VISTA-250BPT (universal panel compatibility using zone inputs)	IGSMV4G
LTE-IV	Verizon	VISTA-15P VISTA-20P VISTA-128BPT VISTA-250BPT	GSMX4G/CDMA-X
LTE-CFA/ LTE-CFV	AT&T/ Verizon	VISTA-32FB VISTA-32FBT VISTA-128FBP VISTA-128FBPT VISTA-250FBP VISTA-250BPT	IGSMCFP4G
LTE-HSV	Verizon	VISTA-15P VISTA-20P VISTA-128BPT VISTA-250BPT (universal panel compatibility using zone inputs)	IGSMHS4G

### Canada

LTE SKU	Carrier	Panel Compatibility	Replaced 3G/4G Radio
LTE-IC	Bell	VISTA-15PCN VISTA-20PCN VISTA-128BPTCN VISTA-250BPTCN (universal panel compatibility using zone inputs)	IGSMV4G