

Fire Alarm Cellular Transmitter Submittal For:



The Arc Harnett County Group Home #1

190 Rawls Road, Angier, NC 27501



PROPOSED EQUIPMENT LIST

<u>PAGE #</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
100	1	V32FBPT	FACP - Fire Alarm Control Panel - EXISTING
200	1	HW-AV-LTE-M	FACT - 4G/LTE Dual Path U.L. Fire Cell Transmitter - NEW
200	1	HW-AV-ENC	FACT - Metal Mounting Enclosure - NEW
795	1	N/A	Warranty

VISTA-32FBPT

VISTA® Commercial Partitioned Fire and Burglary Alarm Control Panel

The VISTA-32FBPT provides the ultimate protection for life and property. This commercial fire and burglary control panel supports up to two partitions and up to 32 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-32FBPT 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-32FBPT is compatible with a number of AlarmNet® communication products for alarm reporting, uploading/downloading and Resideo Total Connect Remote Services.



FEATURES

- Eight hardwired zones standard, expandable to 32 using V-Plex addressable points/zones
- Supports up to 32 wireless zones (fewer if using hardwired and/or V-Plex zones)
- Can control two separate areas independently (2 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 512 events
- Accommodates 75 user codes and up to 250 access card holders using VISTAKEY®
- Supports V-Plex addressable VISTAKEY access control (1 to 8 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
- **Hardwired zones**
 - Eight style B hardwired zones
 - EOLR supervised for Fire and UL burglary installations
 - N.O. or N.C. sensors
 - Individually assignable to one of two 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 24 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 32 wireless zones/points
 - Supervised by control for check-in signals
 - Tamper protection for transmitters
 - Individually assignable to one of two partitions
 - Supports commercial wireless smoke detectors
- **Up to eight doors using VISTAKEY V-Plex Access Control**
- **Event reporting**
- **Local printer for event log printing**
- **Communication**
 - Phone line, cellular 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**

- **V32FBPT:** Honeywell Home No. SA5110TFR-9

- **V32FBPT-COM:** 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

- **V32FBPT:** 12.75" W x 14.75" H x 3" D

- **V32FBPT-COM:** 14.5" W x 18" H 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

- UL 864 – Control Units and Accessories for Fire Alarm Systems

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

- UL 1076 – Proprietary Burglar Alarm Units and Systems

- UL 1610 – Central Station Burglar Alarm Units

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

- UL 1635 – Digital Alarm Communicator System Units

- UL 365 – Police Station Connected Burglar Alarm Units and Systems

- UL 609 – Local Burglar Alarm Units and Systems

- UL 985 – Household Fire Warning System Units

- UL 1023 – 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
 6162 – 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:

Sensor
 Wheelock
 Gentex

Manual Pull Stations:

5140MPS-1
 5140MPS-2

V-Plex (Addressable) Devices:

4208U – Universal Eight-zone Expansion Module
 4208EX – Universal Eight-zone Expansion Module (Canada)
 4208SN – Eight-zone Expansion Module
 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
 iGSMCFPCN4G – Commercial Fire Digital Cellular Communicator with Internet
 iGSMHSCN4G – High Security Internet and Digital Cellular Communicator

Product specifications subject to change.

ORDERING

V32FBPT	Commercial Fire and Partitioned Burglary Alarm Control Panel 12V Model
V32FBPT24KT (U.S. Only)	Commercial Fire and Partitioned Burglary Alarm Control Panel with External 24V Power Supply (6A, four outputs, synchronized)
V32FBPT-COM	V32FBPT in Large Red Cabinet with External Transformer

For more information

security.honeywellhome.com



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Honeywell Home

HW-AV-LTE-M CLSS PATHWAY

Connected Life Safety Services (CLSS) Dual-Path LTE Communicator with Dial Capture Interface

The Honeywell® CLSS Pathway is a differentiated communications platform with dual support for AT&T® and Verizon® and integrated features powered by the CLSS Cloud.

The CLSS Pathway combines dial capture functionality with the powerful capabilities of Honeywell's CLSS Cloud. It represents the latest alarm communications technology for the fire industry. The CLSS Pathway allows data transmission by utilizing LTE CAT-M1 networks, serving as a bridge between the fire system and the CLSS Cloud.

This device provides a single site-to-cloud path ensuring all CLSS Cloud services use the same audited and monitored method to access the on-premises life safety system.

HONEYWELL CONNECTED LIFE SAFETY SERVICES (CLSS)

Honeywell CLSS is an innovative, all-in-one cloud platform that enables systems integrators and facilities managers to deliver an enhanced fire safety service, while maximizing the performance efficiencies offered by Honeywell's trusted detection and alarm systems. The CLSS platform enables users to:

- Get a "bird's eye" view of all accounts
- Obtain real-time information on event generation, enabling diagnosis before dispatch
- Conduct tests and inspections using a mobile app (available in select markets)
- Provide end users with multi-site asset information and event alerts

DUAL AT&T AND VERIZON SUPPORT

Equipped with dual SIM cards, the CLSS Pathway supports both AT&T and Verizon networks. When first powered on, the communicator selects the strongest signal. If either path is not available, the device provides redundant paths for the cellular signal.

SIMPLIFIED INSTALLATION

The CLSS Pathway is commissioned via the CLSS mobile app and CLSS Site Manager interface, which also allow for additional remote visibility.

Connection and mounting is simplified using the enclosure kit. The CLSS Pathway is compatible with any fire alarm dialer using Contact ID format and automatically recognizes the format when powered up. Any number can be programmed into the panel phone numbers. Installers can select the central station service they wish to use from a list of approved central station providers. Only account numbers assigned by the central station must be programmed and the dialer selected for tone dialing output.

FEATURES AND BENEFITS

- Integration with CLSS enables monitoring of event transmission data & management of device inventory from the CLSS mobile app and web portal (available only when using point-based reporting)
- Meets UL 864 requirements for sole primary or backup path communications
- High reliability due to multiple transmission channels (LTE CAT-M1/LAN) and redundant servers
- Universal Panel Compatibility - Dial capture interface supporting Contact ID
- Four supervised inputs for non-dialer panels
- Unique "M1" Network is 5G ready, providing deep signal penetration that allows operation within buildings
- Remote firmware updates
- CLSS mobile app supports push and email notifications
- Monitors event transmission data & manages device inventory from the CLSS mobile app and web portal
- Exceptional Redundancy - Dual-SIM device picks the strongest signal from AT&T or Verizon. If one network becomes unavailable, the communicator connects to the other network
- Powered directly by a 24-volt DC fire alarm power supply. No need for additional batteries, transformer, or power supply
- Connection monitoring - adjustable fault reporting time as low as 20 seconds
- Web-based software and smartphone app for device configuration and administration.



Metal enclosure (HW-AV-ENC) for housing CLSS Pathway (HW-AV-LTE-M)

HW-AV-LTE-M TECHNICAL SPECIFICATIONS

Characteristics	Imperial Unit	Metric Unit
Electrical		
Supply Voltage	+12 to +29 VDC	
Power Consumption	<ul style="list-style-type: none"> Standby: 60 mA Peak: 200 mA 	
Frequency	LTE CAT-M1 700/850/1700/1900/2100 MHz	
Environment		
Operating Temperature	32°F to 120°F	0°C to 49°C
Relative humidity:	1% to 85% Non-condensing	
Physical		
Dimensions	3.54" L x 2.48" W x 1.26" D	90 mm L x 63 mm W x 32 mm D
Weight (without antenna)	2.56 oz	72.57 gm
RoHS	Yes	
Network Providers		
<ul style="list-style-type: none"> AT&T, North America Verizon, North America Other provider in the area networks 		

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HW-AV-LTE-M Communicator. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for the latest listings.

STANDARDS AND CODES

The HW-AV-LTE-M is designed to comply with UL 864 - Control Units and Accessories for Fire Alarm Systems Units

APPROVALS

- ETL Listed
- FCC
- CSFM: 7300-1637:0511

ORDERING INFORMATION

- **HW-AV-LTE-M:** Dual-Path Communicator with Dial Capture Interface only. Includes antenna.
- **HW-AV-ENC:** Enclosure for the CLSS Pathway (HW-AV-LTE-M)

CUSTOMER SUPPLIED EQUIPMENT

Mobile Device for LTE Communicator configuration (either iOS or Android).

Android™ is a trademark of Google, Inc.

AT&T® is a registered trademark of the AT&T Properties, L.P.

Honeywell® is a registered trademark of Honeywell International, Inc.

iOS® is a registered trademark of Cisco Systems Inc. licensed by Apple Inc.

Verizon® is a registered trademark of Verizon Trademark Services LLC.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Honeywell International, Inc.

www.fire.honeywell.com

PATRIOT SYSTEMS LLC

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www.patriotsystemsllc.com



SYSTEM WARRANTY

Date:

DRAFT COPY FOR INCLUSION IN SYSTEM SUBMITTAL

Re:

Thank you for allowing Patriot Systems LLC to be part of your team for your facility. The equipment and installation we provided for you are guaranteed to be free from defects in materials and workmanship for a period of one year from the date placed into service.

One full year of required onsite service to keep system(s) in normal operating condition will be provided by Patriot Systems LLC and the manufacturer(s) of the system components at no additional expense to you. This warranty coverage includes all parts, labor and travel to and from the installation location. When applicable any system software including any current revisions will be maintained by Patriot Systems LLC along with other system documentation. The system software will be upgraded when required free of charge if a new version is released during the warranty period. Any revisions of software will be upgraded at no cost to you throughout the life of the system as required to address any operational issues.

In keeping with industry standards, warranty coverage does not apply to damage to any cable, component, or system event caused directly or indirectly by accident, misuse, abuse, vandalism, negligence, water damage, contaminants such as aerosols, concrete or sheetrock dust, paint, brown out conditions, prolonged power outage, lightning or electrical surge, modifications made to any cabling or equipment by anyone other than Patriot Systems LLC's personnel, or damage to any equipment or cabling caused directly or indirectly by the work of other trades or individuals. Damage to conductors or components due to transient voltages (lightning, power surges, etc.) with TVSS devices in place is not covered under warranty due to the fact no TVSS device can assure component protection against every surge event or a lightning direct/ground strike.

Technicians are available by phone and on-site if needed 24/7/365. Our alarm center is staffed around the clock and can contact a technician on call to ensure prompt response. While service is available anytime, warranty work at no additional charge is provided during normal working days/hours. Warranty service provided outside normal business days/hours would be considered billable at prevailing service rates including travel time.

Thanks again for allowing Patriot Systems LLC to serve you and contact me if you have any questions or if I can be of further assistance.

Sincerely,

Darrell Williamson, CEO

Patriot Systems LLC

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