

## First Alert VISTA® H3 Control Panel

### VISTA H3/VISTA H3CN

The VISTA family of products is one of the most widely recognized and reliable security brands in the industry, with the largest installation base globally. The VISTA H3, the next generation of this feature-rich and historic VISTA brand, is a scalable, flexible, and insightful security system designed for professional security dealers.

Designed alongside its sister platform, the ProSeries AIO, the VISTA H3 utilizes the same easy-to-use AN360 installation tool, PROSiX sensors and modules with AES-128 encryption, the same Total Connect 2.0 end-user interface, and over-the-air software updates. These features help reduce time and costs associated with installer and end-user training, minimize the stock you need to carry in your trucks, and limit costly service calls.



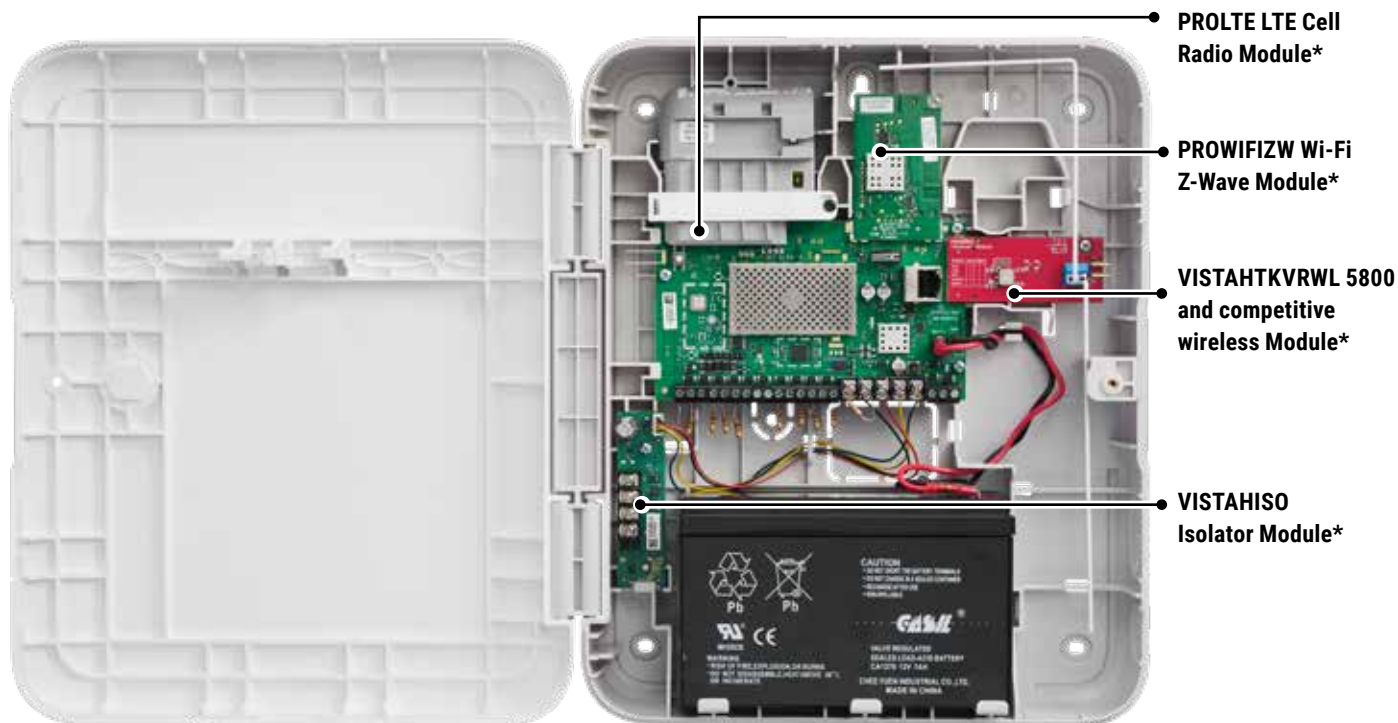
The VISTA H3/VISTA H3CN control panel comes equipped with 8 hardwired zones and 56 SiXRF zones, giving you flexibility out of the box to use either zone technology. For even greater customization, the hardwired zones can be expanded to 64, and you can add V-PLEX sensors, 5800 wireless, and select competitive wireless sensors, which helps reduce installation and material costs when taking over existing systems.

There are four expansion module slots directly inside the control cabinet where you can quickly and easily add the module/technology you need for your application. You can add LTE cell, Wi-Fi, Z-Wave, 5800, competitive wireless or isolate burglary from fire iBus with modules dedicated to expansion slots.



## Features & Benefits

- **Zone Capabilities** – Supports a mix of hardwired, wireless or VPLEX sensors and modules increasing system flexibility.
- **PROSiX Sensors** – Broad array of encrypted two-way wireless sensors & peripherals with over the air software update capability.
- **Modular Design** – Four Expansion slots inside control can for LTE cell radio, Wi-Fi/Z-Wave module, 5800 & competitive wireless sensors module and iBUS isolator, making installation quick and easy.
- **AlarmNet 360 Online Management Platform** – Remote programming and diagnostics to improve business efficiencies and reduce truck rolls. [www.alarmnet360.com](http://www.alarmnet360.com)
- **Total Connect End User Remote Services** – Increase RMR with by offering remote status and control of security, smart home, video viewing and real time alerts on any PC or smart device.
- **Takeover Capability** – Takeover existing hardwired, 5800 or competitive wireless sensors, modules & relays, reducing install time and material costs.
- **Anti-Takeover** – Protect your accounts from competitive takeover with PROSiX sensors and LTE radio lockout.
- **Triple Path Communications** – Use IP built-into the control panel or add on LTE Cell Radio or Wi-Fi module into the control expansion slots.
- **Smart Home Control** – Z-Wave module allows for control of lights, locks, thermostats and more. Manually control the devices anytime or set preprogrammed scenes to act on time of day or system events.
- **Partitions** – Program up to 4 partitions, ideal for commercial applications such as retail shops, small offices and multi-dwelling homes. One partition can be programmed for a common lobby.
- **User Interfaces** – A mix of landscape or portrait designs to fit in tight spaces and hardwired or wireless keypads for easier installation of multiple keypad applications. Also included is a mix of user displays such as 2 line alpha giving users more detailed information during emergency situations and menu driven touchscreens. Touchscreens makes it easier to control control smart home features.
- **VPLEX Capable** – Ability to run 2-wires vs. traditional 4 wires for hardwired sensors and minimizing power to reduce install and material costs.
- **Hands Free Disarming with wireless touchscreen** - Bluetooth – End-users can disarm their system hands free, eliminating false alarms.
- **Video Solutions Integration** - View the First Alert Video Series VX1, VX3, VX5 series of video cameras locally on the wireless touchscreen or remotely on your Wi-Fi enabled device through the TC2 app.



\*Modules must be purchased separately

# Technical Specifications

## Capacities:

**Hardwired Zones:** 8 on board  
expandable to 64 with up to 8  
VISTAHEXPHW modules

**VPlex Zones:**  
64 with VISTAHTKVR-V modules

## Wireless Zones:

**PROSiX:** 56 on board

**5800:** 56 with expansion modules  
VISTAHTKVRWL or VISTAHTKVR-B

**Competitive Wireless:** 56 with  
expansion module VISTAHTKVRWL

## Keypads Supported:

24 Total Keypads  
8 Wired Keypads  
8 Wireless Keypads  
8 Wireless touchscreens

**Keyfobs:** 32

**User Codes:** 100

**Event Log:** 10,000

**Z-Wave Devices:** 78 Total

60 Lights, shades, Water Shut Off  
6 Thermostats  
6 Locks  
6 Garage Doors

**Partitions:** 4 total, 1 for common lobby

**Triggers:** 2 On Board

**Relays:** 64 Outputs (expandable with  
VISTAHEXRELAY Module)

**2-Wire Smokes:** 16

**4-Wire Smokes:** 64

**Dimensions Controls:**

10.12" W X 12.28" H X 3.4" D

**Takeover Modules:**

**VISTAHTKVR-B**  
Takes over the following:

5881 Family Receivers (5800 sensors)  
4219/4229 Zone Expander  
(HW Sensors)  
4204/4204CF Relay Module (Relays)

## VISTAHTKVRWL

Takes over the following:  
5800 (345 MHz)  
2GIG (345 MHz)  
Interlogix/Quolsys (319.5 MHz)  
Bosch (433.42 MHz)  
DSC (433.92 MHz)

## Communications:

### Bluetooth RF – Module

Supports local configuration of  
VISTA H3 system and hands free  
disarming

### IP/Ethernet Port – On Board

### Cellular – Modules

AT&T LTE (700, 850, 1700, 1900 MHz)  
Verizon LTE (700, 1700, 1900, MHz)  
3G fallback (850, 1900 MHz)  
PROLTE-ANT (optional) antenna to  
extend cellular range

### Wi-Fi – Module

(802.11 b/g/n), (2,4 GHz), 2X2 MIMO

### Z-Wave – Module

Home Automation/Smart Home  
Device communication

### SiX RF – On board.

Supports all Six sensors and modules.  
2-Way, Encrypted (128-bit AES)

### 5800 RF – Module

Competitive 5800 Series (433MHz),  
2GIG & DCS (345 MHz), ITI/Quolsys &  
Bosch (319 MHz)

### iBus – On board

Wired bus, include power and  
data cable.

### ECP Converter Module

Wire bus, supports all ECP bus  
sensors and modules

### VPlex Converter Module

Wired bus supports all V-Plex bus  
sensors and modules

## Scenes/Automation:

100 (Requires TC2), Can trigger actions  
based on events, schedules or manual

**Two-Way Voice:** Supported via Wi-Fi or  
Cellular through Wireless touchscreen  
keypad Partitions supported.

## Programming:

Local through wireless touchscreen  
keypad

Mobile Alarmnet 360 App or Web  
Interface

## Languages:

English, Spanish, French Canadian,  
Portuguese

## Agency Listings:

UL 985: Household Fire  
UL 1023: Household Burglary  
UL 2610: Commercial Premises Security  
UL 1637: Home Health Care Signaling  
UL 2017: General Purpose Signaling  
Devices  
ULC S545: Residential Fire Warning  
ULC S304: Controls, Accessories &  
Receiving  
ANSI/SIA CP-01: False Alarm Reduction

## Power:

**Aux Power:** 950mA max

**Adaptor:** 14.3V 2.65A

**Alarm Output:** 12 VDC, 2.0 AMPs Max

**Backup Battery:** 12v 4 amp hour to  
12v 35 amp hour – 24 Backup

## Environmental:

**Operating Temp:** 10F (-23C) to 131F  
(55C) (for compliance agency 32F (0C)  
to 120F (49C)

**Storage Temp:**  
-40F (-40C) to 158F (70C)

**Humidity:** 10% to 90% relative humidity,  
non condensing  
(for compliance agency 0% to 85%)

# Ordering Information

| Control Panels        | Part #                                                                                        |
|-----------------------|-----------------------------------------------------------------------------------------------|
| VISTAH3               | 64 zone control with IP, 8 hardwired zones & 56 Six wireless on board                         |
| VISTAH3CN             | 64 zone control with IP, 8 hardwired zones & 56 Six wireless on board (Canada XFMR)           |
| Expansion Modules     | Part #                                                                                        |
| VISTAHEXPHW           | 8 hardwired zone expander                                                                     |
| VISTAARELAY           | 4 hardwired relay expander                                                                    |
| VISTAHTKVRWL          | 5800 wireless RF receiver/takeover module, Also takeover (Qolsys, Bosch, DSC, 2GIG)           |
| VISTAHTKVR-B          | iBus to ECP converter module, support ECP bus sensors and modules                             |
| VISTAHTKVR-V          | 64 V-Plex 8 zone module iBus to VPLEX converter module, support VPLEX bus sensors and modules |
| VISTAHISO             | iBus isolator module                                                                          |
| Keypads               | Part #                                                                                        |
| VISTAHPKP             | 2X16 Portrait English keypad - hardwired                                                      |
| VISTAHPKPFR           | 2X16 Portrait French keypad - hardwired                                                       |
| VISTAHLKP             | 2X16 Landscape English keypad - hardwired                                                     |
| VISTAHLKPFR           | 2X16 Landscape French keypad - hardwired                                                      |
| VISTAHTCHWLC          | Touchscreen keypad, English, French, Spanish, Portuguese choice - Wireless                    |
| PROSiXLCDKP           | 2X16 Portrait English keypad - Wireless                                                       |
| Communication Modules | Part #                                                                                        |
| PROLTE-V              | Verizon cell radio module – expansion slot inside control can                                 |
| PROLTE-A              | AT&T cell radio module – expansion slot inside the control can                                |
| PROLTE-CN             | Canada cell radio module – expansion slot inside the control can                              |
| PROWIFI               | Wi-Fi module – expansion slot inside the control can                                          |
| PROWIFIZW             | Wi-Fi/ Z-Wave module – expansion slot inside the control can                                  |
| Accessories           | Part #                                                                                        |
| VISTAH3XFMR           | VISTAH3 Adaptor                                                                               |
| VISTAH3CXFMR          | VISTAH3CN Adaptor                                                                             |
| 712BNP                | 12V7AH lead acid battery                                                                      |
| VISTAHLKP-DL          | VISTAHLKP Family keypad chin to customize dealer logo                                         |
| PROWLTOUCHWA          | VISTAHTCHWLC wireless touchscreen keypad wall mount                                           |
| PROWLTOUCHDM          | VISTAHTCHWLC wireless touchscreen keypad desk mount                                           |

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**For more information**  
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