

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.



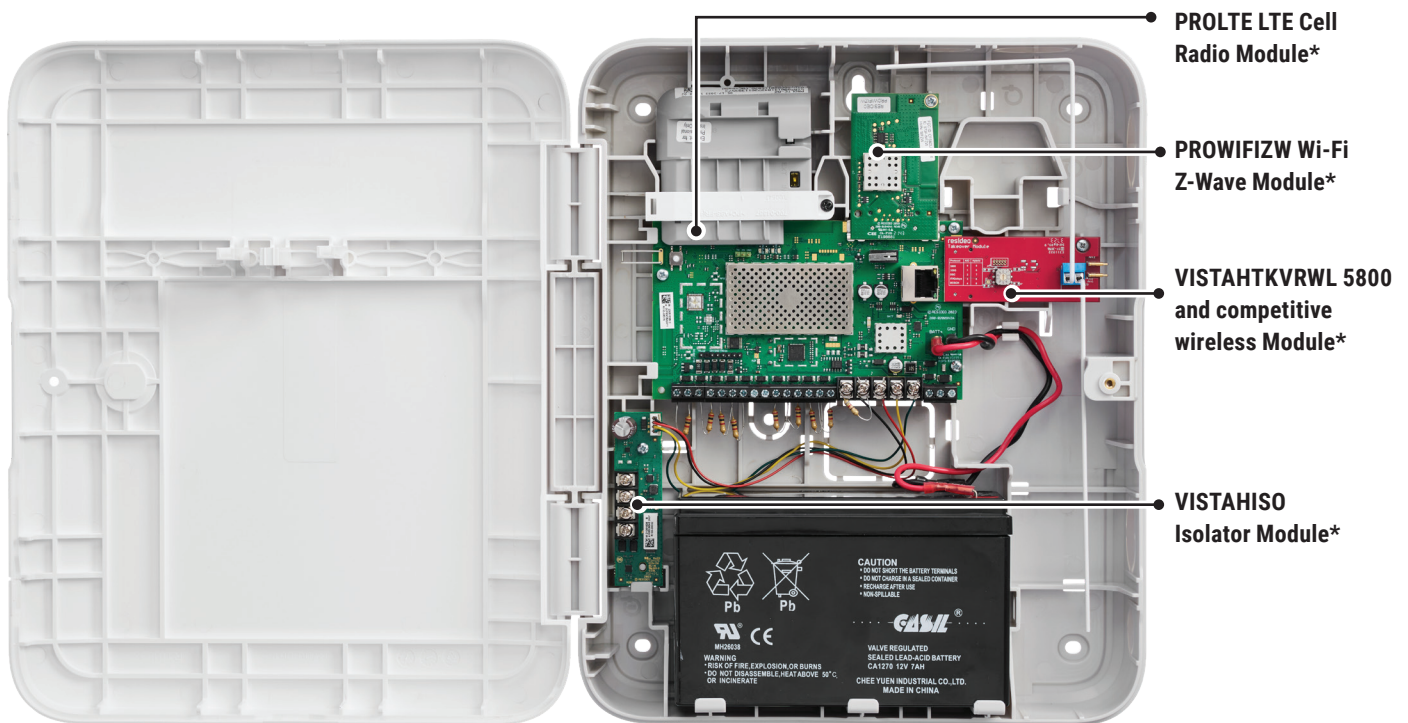
The VISTA H3/VISTA H3CN control panel comes equipped with 8 hardwired zones and 56 SiXRF zones, giving you flexibility out of the box to use either zone technology. For even greater customization, the hardwired zones can be expanded to 64, and you can add V-PLEX sensors, 5800 wireless, and select competitive 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
- **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 VISTAARELAY 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/Qolsys & 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 #
VISTA H3	64 zone control with IP, 8 hardwired zones & 56 Six wireless on board
VISTA H3CN	64 zone control with IP, 8 hardwired zones & 56 Six wireless on board (Canada XFMR)
Expansion Modules	Part #
VISTAHEXPHW	8 hardwired zone expander
VISTA HRELAY	4 hardwired relay expander
VISTA HTKVRWL	5800 wireless RF receiver/takeover module, Also takeover (Qolsys, Bosch, DSC, 2GIG)
VISTA HTKVR-B	iBus to ECP converter module, support ECP bus sensors and modules
VISTA HTKVR-V	64 V-Plex 8 zone module iBus to VPLEX converter module, support VPLEX bus sensors and modules
VISTA HISO	iBus isolator module
Keypads	Part #
VISTA HPKP	2X16 Portrait English keypad - hardwired
VISTA HPKPFR	2X16 Portrait French keypad - hardwired
VISTA HLKP	2X16 Landscape English keypad - hardwired
VISTA HLKPFR	2X16 Landscape French keypad - hardwired
VISTA HTCHWLC	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 #
VISTA H3XFMR	VISTA H3 Adaptor
VISTA H3CXFMR	VISTA H3CN Adaptor
712BNP	12V7AH lead acid battery
VISTA HLKP-DL	VISTA HLKP Family keypad chin to customize dealer logo
PROWLTOUCHWM/PROWLTOUCHWA	VISTA HTCHWLC wireless touchscreen keypad wall mount
PROWLTOUCHDM	VISTA HTCHWLC wireless touchscreen keypad desk mount



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