FIRST ALERT PRO

VISTAHISO
iBus Isolator

INSTALLATION AND SETUP GUIDE

GENERAL INFORMATION

The VISTAHISO Module separates fire keypads and other devices from burglary devices on the iBus data circuit. Isolation between fire and burglary devices is required in a Residential Fire Listed system. The module is designed to isolate data wire and power (+/-) shorts or grounds that occur on the burglary side of the iBus circuit from interfering with communications to Fire devices connected to the iBus.

NOTE: This module must be installed in accordance with National Fire alarm and Signal Code ANSI/NFPA 72, Chapter 29.

INSTALLATION

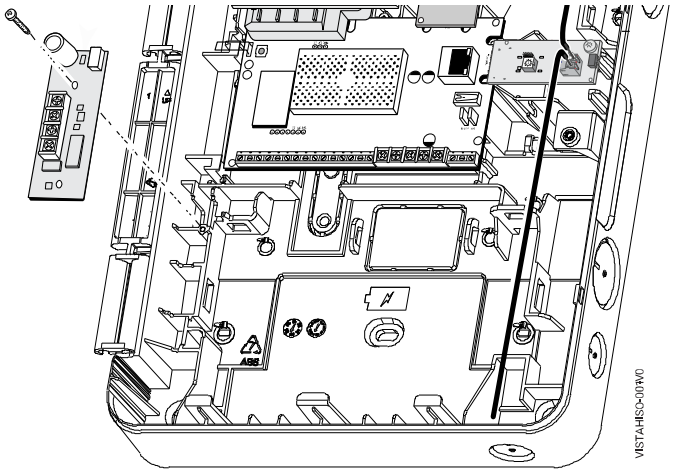
The module is designed to be mounted in the control cabinet. Below the Control Panel PCB and to the left of the battery.

NOTE: Only one (1) VISTAHISO can be installed.

IMPORTANT:
Damage to product can occur if incorrectly wired. See summary of connections for proper wiring.

MOUNTING

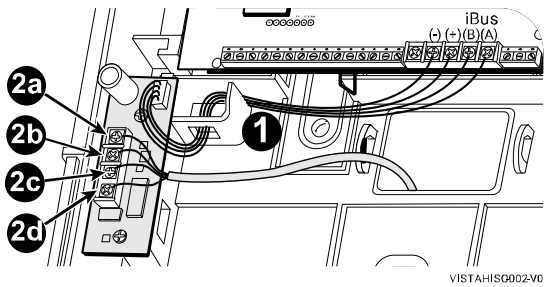
Mount using the 2 screws (provided) as shown below:



CONNECTIONS

Connect to the control's iBus terminals via the input side of the module using the supplied harness (P/N R600-00547)[1]. The output (isolated Burglar) side [2] is wired as follows:

[1] Input Harness	[2] Output	Description
Red	2a	12VDC Positive (+)
Black	2b	Ground (-)
Yellow	2c	iBus B
Green	2d	iBus A

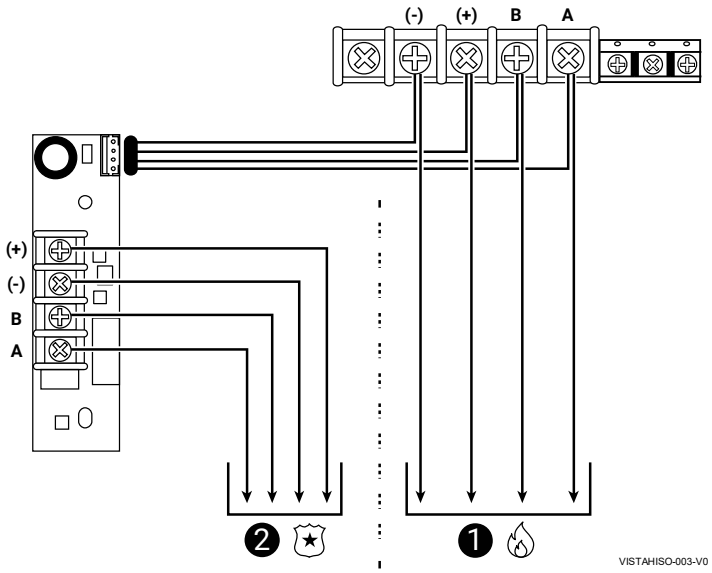


CONNECTIONS (Continued)

The iBus Isolator and Control Panel must be wired so that the Control Panel iBus terminals connect to the harness from the VISTAHISO. Additionally, the Control Panel's iBus Terminals also connect to all Fire Devices [1] following the instructions that are supplied with the devices. The output on the iBus Isolator is then used to connect to all Burglary Devices [2]. Wiring in this manner isolates the Fire Devices from the Burglary Devices in case of a short on the Burglary circuit. To connect the iBus Isolator, reference the following illustration and make these connections:

Agency Note:

- All power-limited circuit wiring must remain at least 0.25" (6.35 mm) away from any non-power-limited circuit wiring and non-power-limited circuit wiring must enter and exit the cabinet through a different knockout and/or conduits.
- Input & Output CLASS B.

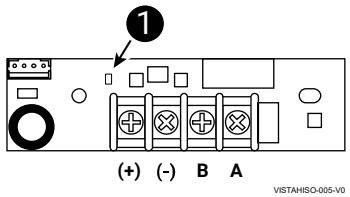


NOTES:

- Connect iBus Burglary Devices, following the directions that come with these devices, **except** make the connections to iBus Isolator.
- If using a supplementary power supply for burglary or fire devices, connect the ground from the power supply to the burg ground on the iBus Isolator, or the control panel ground, respectively.

LED OPERATION [1]

Color	Indication	Function
Red	Fast Blink (500ms)	Output shorted or iBus communication failure.
N/A	Off	Normal Operation



AFFIXING THE SUMMARY OF CONNECTIONS LABEL

The provided Summary of Connections label is to be affixed to the control panel door. It is to be placed in the blank panel to the left of the Summary of Connections label.

SPECIFICATIONS

Electrical

Input Voltage	12VDC
Input Current	10mA

Environmental

Operating Temperature	32° - 122°F (0° - 50°C)
Operating Humidity	0 - 95% Relative Humidity

Physical

Dimensions	.866 in x 3.15 in (22 mm x 80 mm)

FEDERAL COMMUNICATIONS COMMISSION (FCC) & INDUSTRY CANADA (IC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, as defined by FCC Rules Part 15.105. The Class B Digital Device statement can be viewed at:
https://customer.resideo.com/en-US/support/residential/codes-and-standards/FCC15105/Pages/default.aspx

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party / Issuer of Supplier's Declaration of Conformity: Ademco Inc., a subsidiary of Resideo Technologies, Inc., 2 Corporate Center Drive., Melville, NY 11747, Ph: 516-577-2000

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL PANEL WITH WHICH THIS DEVICE IS USED, FOR DETAILS ON LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

For the latest warranty information, please go to: www.resideo.com
For technical support, call 1-800-645-7492, M-F 8:30am to 5pm EST.
For documentation, go to: www.resideo.com

This equipment should be installed in accordance with National Electrical Code, NFPA 70, Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540 and Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment.

Canadian Installations

For installation in Canada, wiring shall be in accordance with CSA C22.1, Canadian Electrical Code, Part 1, Safety Standard for Electrical Installations; CAN/ULC S302, Standard for the Installation, Inspection and Testing of Intrusion Alarm Systems; and CAN/ULC S301, Standard for Signal Receiving Centre Intrusion Alarm Systems and Operations.

Warning: Owner's instruction notice: 'Not to be removed by anyone except occupant'

This system must be checked by a qualified technician at least once every three (3) years.

The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.

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www.resideo.com

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