2GIG Vario

Hybrid Security & Automation Platform

BUILDER MARKET

Today's new home buyers are looking for technology in their homes now more than ever. Vario is designed to offer modern security allowing homes to be wired to keep costs down, but also includes wireless features for flexibility. Our products scale to fit any size home and offer connectivity with most home automation solutions.

HOME MARKET

We understand your home is more than just a house. Vario designs its systems to keep you protected from intruders and informed of life safety dangers such as fire and carbon monoxide. All home systems come personalized to fit your wallet and desired level of security.

SYSTEM UPGRADES

Are you embarrassed by the look of the
security system that was there when you
moved in, or are you tired of hassles tied
to systems that don't work well for you?
Vario connects to the existing wiring in
your home, updating your system to the
latest technologies. Vario can also add
wireless sensors to cover new areas
that need protection.

LUXURY HOMES

Vario offers solutions perfect for
larger homes. Our products offer the
expandability, the installation flexibility,
and compatibility needed to fit the most
opulent lifestyles.
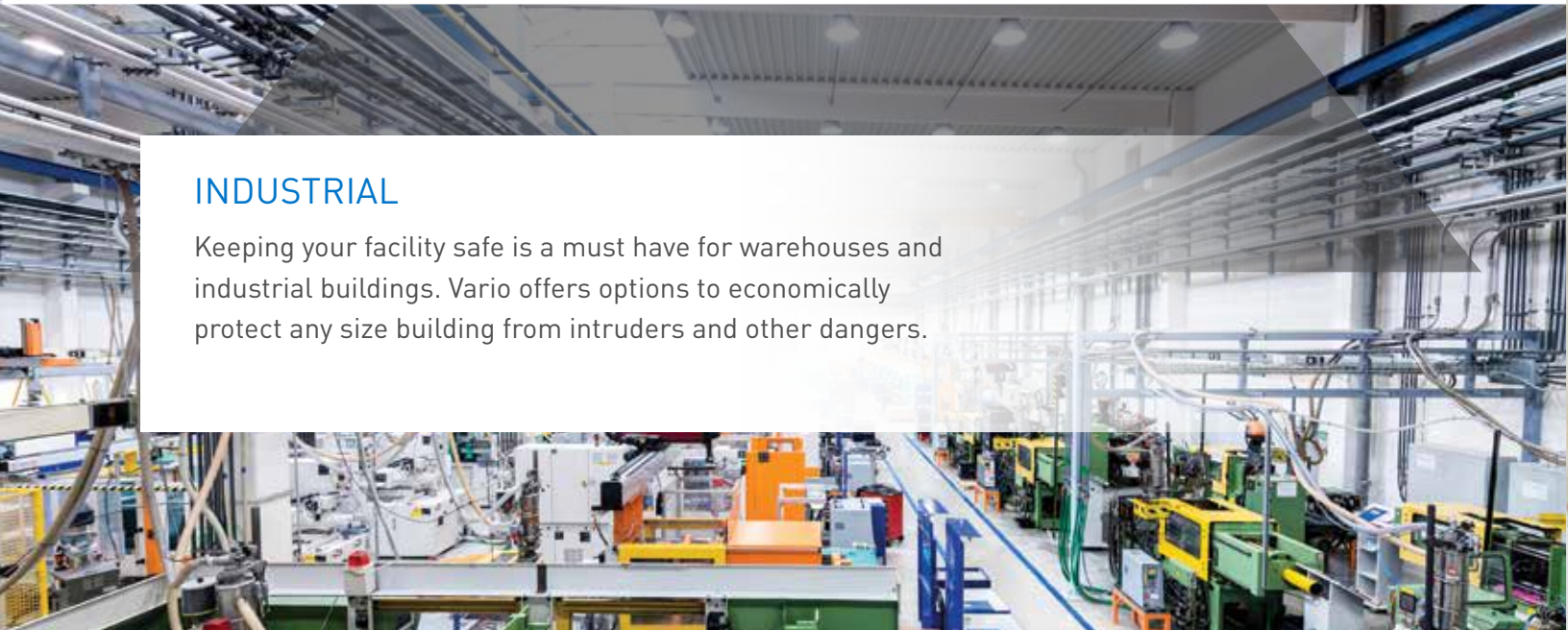
COMMERCIAL

Not only can Vario cover any size commercial building, our systems are compatible with most pre-existing access control systems. Vario is designed to fit any size business and offer connectivity with most building automation solutions.

INDUSTRIAL

Keeping your facility safe is a must have for warehouses and industrial buildings. Vario offers options to economically protect any size building from intruders and other dangers.

RETAIL

Vario systems let you worry about sales instead of security. We offer expandable options that fit anything from mom-and-pop shops to national retail giants.

NON-PROFITS

Schools, churches, and other charitable organizations require adaptable security systems. Vario products allow for the creation of multiple security areas with separate settings; this makes multi-layered accessibility a breeze. All of these can be controlled by a single, economical security panel.

With Vario you can worry about things other than security.

We offer multiple keypad styles, a variety of zone and output expanders, two options for power supply supplies, two-way voice compatibility, two wireless receiver options, and your choice of tamper-protected enclosures. Vario fulfills the security system needs for eight specific security markets: **builders, luxury, standard home installs, system take-overs, retail, non-profit, industrial and commercial. Vario offers upgrades and coverage expansion for existing systems. Vario provides three significant advantages:**

FLEXIBILITY:

Vario security systems allow you to buy only what you need to get the job done. The equipment and offered services provide you proper coverage at the right price. Many of our expansion modules and accessories offer the right specifications to fit any system design. Our systems allow you to set up multiple security areas, with different settings, off one panel. Therefore, whether you need to protect family or inventory, Vario can adapt to get it done. In our modern and ever-changing world, security should never be rigid.

SCALABILITY:

Whether you joined the tiny home craze, live in a McMansion, or operate a commercial business that spans a tri-state area, Vario systems are perfect for you. The addition of multiple wireless sensors can expand typical consumer systems far beyond their normal parameters and allow coverage of a wide variety of homes. For large industrial or commercial customers, Vario allows separate sites to be joined together in one secure network.
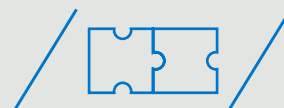
COMPATIBILITY:

We operate within the confines of your existing solutions. We want to be your door to worry-free security. Specifically engineered to fit into your existing solutions, Vario systems work with most current automation and access control systems, with connectivity via multiple media types. Therefore, even if you're happy with a current automation or access control service you have, we can still help improve your service. Compatible security should never be a headache.

2GIG-VAR-BRD   VARIO MAIN BOARD

The Vario Main Panel Board offers install flexibility with features like, selectable bell output and case tamper for enclosure door and wall. The Easy to install plug-in BUS header saves time in wiring. Each panel provides four truly programmable, NO/NC on-board outputs.

The Vario Main Board comes equipped with:

- 8 hardwire zones
- 4 programmable outputs
- Supports 4 wire smoke detectors with auto reset
- Internal and external tamper switches
- Barrel or terminal connections for power
- Supervised bell output

2GIG-VAR-ZE8   EIGHT ZONE EXPANSION MODULE

Adds an additional 8 hardwire zones to the Vario panel. Installs on the keypad BUS to accommodate remote mounting for easier wire runs. Includes an on-board tamper for installation in the 2GIG-VAR-ACCBOX.


2GIG-VAR-8OUT   EIGHT OUTPUT MODULE

Adds eight programmable, low current outputs for triggering devices, such as CCTV, Access Control and Building Automation systems. This output expander installs as a keypad bus device, enabling remote configuration changes of a particular output, saving potential truck rolls and the flexibility of remote mounting. Includes an on-board tamper for installation in the 2GIG-VAR-ACCBOX.

2GIG-VAR-4ROUT   4 RELAY / OUTPUT MODULE

Adds four programmable NO/NC dry contact relays for triggering high current loads, such as magnetic locks and door strikes. This output expander installs as a keypad bus device, enabling remote configuration changes of a particular output, saving potential truck rolls and the flexibility of remote mounting. Includes and on-board tamper for installation in the 2GIG-VAR-ACCBOX.
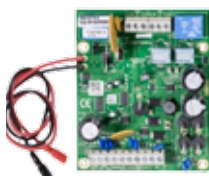
2GIG-VAR-PS3A   3 AMP POWER SUPPLY

The power supply expansion module to provides total current capacity of up to three Amps with extensive remote diagnostics and supervision features, including tamper protection, over-current protection, two user programmable outputs and a dedicated sirendriver.

KEYPADS, WIRELESS RECEIVERS & ENCLOSURES

2GIG-VAR-KEYPROXWHT & 2GIG-VAR-KEYPROXBLK ELEGANT KEYPAD WITH PROX

The Elegant Keypad combines high end functionality with a high end look and feel, offering an easy to read programmable text screen. The capacitive touch buttons are responsive to even the lightest touch. Each elegant keypad includes a proximity reader to enable arming and disarming with proximity tags.

2GIG-VAR-LCDPROX   LCD KEYPAD WITH PROX

The LCD Keypad offers an economical option for programming and controlling the Vario System with a screen that combines icons and text. Each LCD Keypad includes a proximity reader to enable arming and disarming with proximity tags.

2GIG-VAR-BOX   VARIO POLYCARBONATE ENCLOSURE

The Vario Panel Enclosure was thoughtfully designed with the Installer in mind. All modules securely snap into place without the need for screws. The enclosure also features an integrated cable management system, for clean installs.

2GIG-VAR-ACCBOX   VARIO ACCESSORY BOX

The tamper protected Vario Accessory Enclosure allows to securely mount any Vario module optimal area to maximize wireless range.

2GIG-VAR-RECU   WIRELESS RECEIVER W/ 2GIG SUPPORT

2GIG-VAR-RECH   WIRELESS RECEIVER W/ 2GIG & HONEYWELL SUPPORT

A proprietary 345 MHz Wireless Receiver offering true RF jam protection. The 2GIG-VAR-RECU supports all 2GIG wireless sensors and the 2GIG-VAR-RECH supports both 2GIG and Honeywell 5800 Series wireless sensors. The receiver is installed as a Vario BUS device, allowing the receiver to be installed in an optimal area to maximize wireless range.

CELLULAR / IP MODULES

2GIG-LTEV-A-VAR   VARIO CELLULAR/IP MODULE

The Cellular/IP Module from Alarm.com delivers encrypted wireless signaling, real-time notifications and remote control capabilities to the panel. Its digital wireless communication over the LTE and broadband networks enables secure alarm reporting to any central station via Contact ID, regardless of whether a phone line is installed at the system location. This module also includes a Z-Wave Plus control module for adding Z-Wave automation solutions.

Ordering Information:

powered by ALARM.COM™

2GIG-LTEV-A-VAR	verizon✓
2GIG-LTEA-A-VAR	at&t
2GIG-LTET-A-VAR	TELUS®

ACCESSORIES

2GIG-VAR-MICSPK   MICROPHONE / SPEAKER MODULE

The Microphone/Speaker Module connects to the Voice Module as the input/output source for two-way voice conversations with the Central Station.
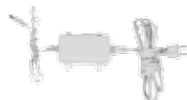
2GIG-VAR-VOICEMOD   DIGITAL VOICE MODULE

Digital Two Way Voice Module

2GIG-VAR-AC5   POWER SUPPLY

North American Power Supply

2GIG-VAR-PSUSA   AC POWER ADAPTER

North America Power Supply for Structured Wiring

2GIG-VAR-RS232   INPUT MODULE / UPDATE CABLE

RS232 Cable for Updating Vario Panels or Connecting to Other Systems

SPECIFICATIONS	VARIO PANEL
Programmable Zones on Main Board (Expansion Limit)	8 (50)
User Codes	30
Partitions	4
Door Control and Common Lobby Logic	Yes
On Board Auxiliary Outputs (Maximum)	4 - 1 Dry Contact Relay (24V, 1 Amp), 3 100mA (Expandable to 32)
Event Log	1,000
Telephone Line Voltage & Current Monitor	Yes
Total Bus Devices Supported / Number in Main Can	32 / 3
Reporting Format	Contact ID
Built-in Box Tamper Circuit	Yes, Door and Wall

Wireless

RF Jamming Supervision	Yes
Wireless Zones - Maximum / Number of Keyfobs	50 / 32 (Keyfobs do not take up a wireless zone)

Siren

Siren Supervision	Yes
Built-in Siren Driver/ Programmable Voltage Output	12 VDC @ 900 mA maximum

Power

Power Supply	AC/DC Adapter 100-240 V 50/60 Hz, 14.4 V - 1.5A, 4A
Current Draw	60 mA typical/ 70 mA maximum
Auxiliary Power	1.5A or 4A Power Supply: Total current 800mA; Max Aux = 500mA; Max BUS (AUX RED) = 800mA
Backup Battery	1.5A or 4A Power Supply: 12 Volts up to 17 Ahr, typical
Dynamic Battery Test	Yes

SPECIFICATIONS	VARIO PANEL

Environmental

Operating Temperature	14° F to 131° F (-10° C to 55° C)
Storage Temperature	-4° F to 140° F (-20° C to 60° C)
Humidity Range	90% max., non-condensing
Dimensions (HxWxD) - Material	11.42" W x 10" H x 3.82" D (290mm x 254mm x 97mm) - Polycarbonate
Dimensions (HxWxD) - Ruggedized	14.76" W x 12.99" H x 3.85" D (375mm x 330mm x 98mm) - Rolled Steel
Weight	0.31 lbs (0.14 kg)
POTS	Yes
LTE or LTE w/ 3G Fallback	Yes, via Cellular/IP Module
TCP/IP	Yes, via Cellular/IP Module
Unattended Up/ Downloadable (via Cellular Up/Down)	Yes, via Cellular/IP Module
Flash Software/Firmware Updates	Yes
USB Downloads/ TCP-IP Downloads	Yes
Foreign Language Support	Yes
Keypad Activated Emergency Keys	Yes
Keypad Brightness Adjust/ Keypad Tone Adjust	Yes / Yes
Keypad Tamper Option	Yes
2-Way Voice	Yes
Armed/Away/Stay	Yes

Automation

Z-Wave	Yes, via Cellular/IP Module
RS232 / RS485	Yes / Yes

Smoke Detection

2 Wire Smoke Detectors	No
4 Wire Smoke Detectors	Yes
Synchronized Temporal Siren on Fire	Yes

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SECURITY & CONTROL

1950 Camino Vida Roble, Suite 150
Carlsbad, CA 92008
800.421.1587
nortekcontrol.com

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