resideo

VISTA-20P

VISTA® Control Panel

The VISTA family of products is among the most widely recognized and reliable brands in the industry with the largest security system install base in the world.

The versatile VISTA-20P offers options to send alarm signals, upload/download capability, and remote services via IP or LTE communications, improving the speed at which information can be delivered to and from the control panel. This maximizes system longevity and reduces service calls and future upgrade costs. The VISTA-20P has the broadest array of residential hardwired or wireless sensor zone options that protect life and property, creates awareness and convenience with environmental options like thermostat, water shut-off and lighting control, as well as advanced functions like audio control via Denon. VISTA also offers fixed-English, custom Alpha or touchscreen keypad displays, two-wire smokes detectors, connected home support through Tuxedo Touch® with the ability to customize system actions, and events using scene control.

FEATURES AND BENEFITS

- IP and cellular radio alarm reporting and upload/download capability
- Z-Wave® thermostats, lights, locks, water shut-off, garage door, shades and audio control via Tuxedo Touch and VAM
- Supports four graphic touchscreen keypads
- Wireless keys can be programmed without using zones
- Eight on-board hardwired zones standard (15 when Zone Doubling feature is used)
  - 40 hardwire expansion zones
  - 40 wireless expansion zones
- Two low current on-board trigger outputs
- 100 Event Log viewable at system keypads with time/date stamp
- 48 system user codes assignable to either partition
- Expandable to 48 total zones when used with hardwired and/or wireless expansion modules
- Two independent partitions plus a common partition
  - Global Arming from any system keypad
  - Go to function to view or operate one partition from the other
  - Separate partition account numbers
- 16 output devices
  - Relays (Model 4204 Relay Modules, or 4229 Expansion Module)
- Four installer-configurable zone types allows the installer to create custom zone types by assigning all zone attributes
- Supports four-wire and up to 16 two-wire smokes
  - Works with Sentrol CleanMe™ maintenance signal
- Multiple actions on output devices depending on system state
  - Turns lights off when system arms
  - Turns the same light on when system disarms
    - Flashes same lights when system is in alarm
- Built-in phone line cut monitor with programmable delay and annunciation options
  - Display on system keypads
  - Trigger local sounders
  - Trigger system bell

SECURITY DEALER FEATURES

- Automatic System Load Shed
  - During extended AC power fail, the system battery will be disconnected to prevent irreversible battery failure. Reduces service calls to replace batteries.
- Dynamic Signaling
  - Reduces redundant reporting to the central station when multiple reporting methods are used; i.e. digital dialer and AlarmNet® radio

VALUABLE END-USER FEATURES

- Viewable on system keypads:
  - Exit countdown
  - Time and date display*
  - Event log*
- Auto keypad backlighting on entry
- Keyswitch arming
- Programmable macro buttons and single-button arming
- Supports a variety of wireless remote controls for single-button operation
- User Scheduling
  - Latchkey reports to pagers
  - Auto arm/disarm
  - "User access" time windows
- VIP Module allows system control from any touchtone phone
- Chime by zone
- Fully compatible with Resideo Total Connect® Remote Services

*Requires custom alpha keypad

VISTA-20P Technical Specifications

ELECTRICAL

- Aux. power 12 VDC, 600mA maximum
- Seven hour standby at 400mA aux. load with four amp hour battery
- 16.5 VAC/25 VA transformer
- Alarm output 12 VDC, 2.0 amps max.
  - For UL installations, combined aux. and alarm output cannot exceed 700mA

OUTPUT CONTROL

- Supports up to four relay boards (up to 16 relays)
- Optional X-10 transformer/interface (part no. 4300) may be used to control up to 16 X-10 receiving devices

ZONES

- Eight hardwired zones (15 with zone doubling)
- Selectable response 10msec, 350msec, 750msec
- Assignable to any partition
- 20 selectable zone types plus four configurable zone types
- Programmable swinger suppression

AGENCY LISTINGS

cETLus Listed to:

- UL 985: Household Fire Warning System Units
- UL 1635: Digital Alarm Communicator System Units
- UL 1023: Household Burglar-Alarm System Units
- UL 365: Police Station Connected Burglar Alarm Units And Systems
- UL 609: Standard For Safety Local Burglar Alarm Units And Systems
- UL 1610: Central-Station Burglar-Alarm Units
- ULC S545: Standard For Residential Fire Warning System Control Units
- ULC SUBJECT C1023: Preliminary Standard For Household Burglar Alarm
- CAN/ULC S303: Standard for Local Burglar Alarm Units and Systems
- ULC S304: Standard For Control Units, Accessories And Receiving Equipment For Intrusion Alarm Systems

cULus Listed to:

- UL 985: Household Fire Warning System Units
- UL 1023: Household Burglar-Alarm System Units
- UL 609: Local Burglar Alarm Units and Systems
- UL 365: Police Station Connected Burglar Alarm Units
- UL 1610: Central Station burglar Alarm Units
- UL 1635: Digital Alarm Communicator System Units
- UL 1037: Antitheft Alarms and Devices

CNL indicates investigations to the following Canadian Standards:

- CAN/ULC-S303-M91: Standard for Local Burglar Alarm Units and Systems
- ULC/ORD-C1023-74: Preliminary Standard for Household Burglar Alarm System Units
- CAN/ULC-S545-M89: Standard for Residential Fire Warning System Control Units

VISTA-20P Compatible Devices

EXPANSION DEVICES

- 4219 – Eight hardwired zones – 16mA
- 4204 – Up to four relays – 15mA standby (each active relay draws an additional 40mA)
- 4229 – Eight hardwired zones and two relays – 36mA (each active relay draws an additional 40mA)

WIRELESS RECEIVERS/TRANSCEIVERS

- 5881ENL Receiver supports up to 8 zones - 60mA
- 5881ENM Receiver supports up to 16 zones - 60mA
- 5881ENH Receiver supports up to 40 zones* - 60mA
- 5883H Transceiver supports up to 40 zones* - 80mA

HONEYWELL HOME KEYPADS

- 6150 Fixed English Display Keypad (40mA/70mA)
- 6150RF/6150RFFR Fixed English/French Display Keypad w/ Integrated Wireless Transceiver (80mA/105mA)
- 6151/6151FR Fixed English/French Display Keypad with Hardwired Zone (35mA/80mA)
- 6160 Custom Alpha Display Keypad (40mA/120mA)
- 6160V Custom Alpha Display Keypad w/ Voice Annunciation and Message Center (60mA/190mA)
- 6160RF Custom Alpha Display Keypad w/ Integrated Wireless Transceiver - (120mA/210mA)
- 6290W 7″ Graphic Touchscreen Keypad with Voice Annunciation
- TUXEDOW 7″ Graphic Touchscreen Keypad with Smart Control and Voice Annunciation

RESIDEO KEYPADS

- 6150C Fixed English Display Keypad (40mA/70mA)
- 6150RFC/6150RFFRC Fixed English/ French Display Keypad w/ Integrated Wireless Transceiver (80mA/105mA)
- 6151C/6151FRC Fixed English/French Display Keypad with Hardwired Zone (35mA/80mA)
- 6160C Custom Alpha Display Keypad (40mA/120mA)
- 6160VC Custom Alpha Display Keypad w/ Voice Annunciation and Message Center (60mA/190mA)
- 6160RFC Custom Alpha Display Keypad w/ Integrated Wireless Transceiver - (120mA/210mA)
- 6290WC 7″ Graphic Touchscreen Keypad with Voice Annunciation
- TUXEDOWC 7″ Graphic Touchscreen Keypad with Smart Control and Voice Annunciation

COMMUNICATORS

- LTEM-PA Advanced Modular Communicator (AT&T)
- LTEM-PV Advanced Modular Communicator (Verizon)
- LTEM-PIA LTE Cat M1 Cellular and Internet Communicator (AT&T)
- LTEM-PIV LTE Cat M1 Cellular and Internet Communicator (Verizon)
- LTEM-XV LTE Cat M1 Communicator (Verizon)
- LTEM-XA LTE Cat M1 Communicator (AT&T)
- LTEM-XC LTE Cat M1 Communicator (Bell)
- LTE-IA LTE and Internet Multi-Path Communicator (AT&T)
- LTE-IV LTE and Internet Multi-Path Communicator (Verizon)
- LTE-IC LTE and Internet Multi-Path Communicator (Bell)
- 7847i-E Enterprise Internet Communicator
- 7847i Internet Communicator

*number of zones is dependent on the control panel

ORDERING

VISTA-20P	Control Panel
VISTA-20PSIA	Control Panel for SIA Installations
VISTA-20PCN	Control Panel (CANADA)

For more information
resideo.com/pro

For more information
resideo.com

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