resideo

VISTA-20P
VISTA® Control Panel

The Honeywell Home VISTA family of products by Resideo 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

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

- 5881ENL RF Receiver supports up to eight zones – 60mA
- 5881ENM supports up to 16 zones – 60mA
- 5881ENH supports up to 48 zones – 60mA
- 5883H Transceiver supports up to 40 zones – 80mA

HONEYWELL HOME KEYPADS

- 6160 Custom Alpha Security Keypad - 40mA/120mA
- 6160V Voice Custom Alpha Security Keypad - 60mA/190mA
- 6160RF Custom Alpha Receiver/Security Keypad - 120mA/210mA
- 6150 Fixed-English Security Keypad - 40mA/70mA
- 6150V Voice Fixed-English Security Keypad - 60mA/190mA
- 6150RF/6150RFFR Fixed-English/French Receiver/Security Keypad - 80mA/105mA
- 6151ZN/6151ZNFR Fixed-English/French Security Keypad with Hardwired Zone - 35mA/80mA
- 6148 Fixed English LCD - 30mA/55mA
- 6290W Color Graphic Touchscreen Keypad with Voice
- TUXEDOW Security and Smart Controller

RESIDEO KEYPADS

- 6160C Custom Alpha Security Keypad - 40mA/120mA
- 6160VC Voice Custom Alpha Security Keypad - 60mA/190mA
- 6160RFC Custom Alpha Receiver/Security Keypad - 120mA/210mA
- 6150C Fixed-English Security Keypad - 40mA/70mA
- 6150RFC/6150RFFRC Fixed-English/French Receiver/Security Keypad - 80mA/105mA
- 6290WC Color Graphic Touchscreen Keypad with Voice
- TUXEDOWC Security and Smart Controller

AGENCY LISTINGS

cETLus Listed to:

- Household Fire Warning System Units – ANSI/UL 985
- Safety for Digital Alarm Communicator System Units – ANSI/UL 1635
- Standard for Safety Household Burglar Alarm System Units – UL 1023
- Safety for Police Station Connected Burglar Alarm Units and Systems – ANSI/UL 365
- Safety Local Burglar Alarm Units and Systems – UL 609
- Safety Central-Station Burglar-Alarm Units – ANSI/UL 1610
- Residential Fire Warning System Control Units – ULC-S545
- Canadian Standard for Household Burglar-Alarm System Units – ULC Subject C1023
- Standard for Local Burglar Alarm Units and Systems – ULC-S303
- Standard for Central and Monitoring Station Burglar Alarm Units – ULC-S304
- Control Panel Standard – Features for False Alarm Reduction – ANSI/SIA CP-01-2010

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 and Systems
- UL 1610 - Central Station Burglar Alarm Units
- UL 1635 - Digital Alarm Communicator System Units
- UL 1037 - Anti-theft Alarms and Devices

CNL indicates investigations to the following Canadian Standards:

- CAN/ULC-S303-M91 – Standard for Local Burglar Alarm Units and System.
- ULC/ORD-C1023-74 – Preliminary Standard for Household Burglar Alarm System Units
- CAN/ULC-S545-M89 – Standard for Residential Fire Warning System Control Units
- ANSI/SIA CP-01-2010 Control Unit Standard-Features for False Alarm Reduction

COMMUNICATIONS

• LTEM-PA Advanced Modular Communicator (AT&T)

• LTEM-PV Advanced Modular 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

ORDERING

VISTA-20P	Control Panel
VISTA-20PSIA	Control Panel for CP-01 SIA Certifications
VISTA-20PCN	Control Panel (CANADA)

For more information

resideo.com/pro

Resideo Technologies, Inc.
2 Corporate Center Drive,
Suite 100
P.O. Box 9040
Melville, NY 11747
1-800-645-7492

For more information
resideo.com