VISTA-20P

VISTA® CONTROL PANEL

Honeywell

The Honeywell 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, 4G 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

- IP and cellular radio alarm reporting and upload/download capability via iGSMV4G, GSMV4G, GSMX4G, LTE-XV and LTE-XA

- 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 Honeywell Total Connect® Remote Services

*Requires custom alpha keypad

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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)

Accessories

- iGSMV4G Internet and Digital Cellular Communicator with Remote Service Capability
- 7845i-ENT Enterprise Internet Communicator
- GSMV4G Digital Cellular Communicator with Remote Service Capability
- GSMX4G Digital Cellular Communicator for VISTA Control Panels
- 5881ENL RF Receiver supports up to eight zones – 60mA
- 5881ENM supports up to 16 zones – 60mA
- 5881ENH supports up to 48 zones – 60mA
- 5883 Transceiver supports up to 40 zones – 80mA

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
- 6280 Color Graphic Touchscreen Keypad with Voice
- Tuxedo Touch (TUXWIFIW) Color Graphic Voice Touchscreen Security Keypad with 232 Z-Wave device and 32-camera support

Agency Listings

UL listing

- Residential Fire and Burglary:
  - Household Fire Warning System Units – ANSI/UL 985, 2000/05/26 (5th edition) with revisions up to 2004/04/29

Smoke Detectors

- Supports up to 16 two-wire smoke detectors
- Supports four-wire smoke detectors
- Supports the 5800COMBO Smoke and Carbon Monoxide Detector

Communications

- LTE-XV and LTE-XA Digital Cellular Communicators with Remote Service Capability
- iGSMV4G Internet and Digital Cellular Communicator with Remote Service Capability
- 7847i-E Enterprise Internet Communicator
- 7847i AlarmNet Internet Communicator
- GSMV4G Digital Cellular Communicator with Remote Service Capability
- GSMX4G Digital Cellular Communicator for VISTA Control Panels
- Touchtone or pulse
- Formats supported
  - ADEMCO® Contact ID
  - ADEMCO 4 + 2 Express
  - ADEMCO low speed
  - Sescoa/Radionics
- 3 + 1, 4 + 1 and 4 + 2 reporting
- Reporting capabilities
  - Split
  - Dual
  - Split/Dual – True dial tone detection
- Low battery reports 11.2 – 11.6 VDC
- AC loss and restoral reporting supported

ORDERING

VISTA-20P	Control Panel
VISTA-20PSIA	Control Panel for CP-01 SIA Certifications

For more information:
www.honeywell.com/security

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