

# VISTA-10SE

With the Vista-10SE, you're limited only by your desires and imagination. With six zones and 5800 wireless zone expansion, the Vista-10SE is the industry's most economical and sophisticated control that can operate lights and appliances.

Dependable features to meet your most demanding installations:

- ☒ Six hardwired zones standard
- ☒ Expands to 22 total zones when using 5800 wireless
- ☒ Seven user codes
- ☒ Two-way downloading
- ☒ Supports up to four relays
- ☒ False alarm prevention features



*The Vista-10SE offers a new level of flexibility with superior security features, end user simplicity and powerful control.*

End users will appreciate the easy-to-use convenience and control features of the Vista-10SE:

- ☒ Wireless remote control - the 5804 - a four-button, programmable wireless key or the 5804BD, a bi-directional programmable wireless key with system status feedback
- ☒ Single or dual button wireless personal panic: 5802MN and 5802MN2
- ☒ Home automation to activate lights, appliances, garage doors, and numerous other devices
- ☒ Vista Interactive Phone Module (VIP) that gives the end user control of their system from any touchtone phone; the 4285 VIP module responds in clear English, with over a 100 word vocabulary
- ☒ Full English display keypads for clear understanding of system status and zone locations
- ☒ Paging - openings, closings, alarm and trouble messages can be sent directly to a pager, allowing system status to be confirmed; parents can use this feature to verify that their children have arrived home
- ☒ Quick Exit enables users to leave the house for a brief time without disarming the system

# VISTA-10SE

## SPECIFICATIONS:

### ELECTRICAL

- ☒ 500 mA, Aux - 12 VDC
- ☒ 16.5 VAC/25 VA transformer
- ☒ Alarm output 12 VDC, 2.0 amps max
- ☒ For UL installations, combined Aux and alarm output cannot exceed 600mA

### OUTPUT CONTROL

- ☒ Supports one relay board (part number 4204) for four relays

### ZONES

- ☒ Six hardwired zones
  - Selectable response: 10msec, 350msec, 750msec
  - Expandable to 22 zones using 5800 wireless
  - 16 zone types to choose from
  - Programmable swinger suppression

### SUPPORTED DEVICES

#### Hardwired Expansion Devices

- ☒ 4204 supports up to four relays-15mA (each active relay draws 40mA)
- ☒ Keypads
  - 6139 custom English (required for programming) - 100mA
  - 6128 fixed English LCD - 85mA/40mA
- ☒ Voice module 4285 VIP - 160mA
- ☒ Four wire smoke detectors

## WIRELESS RECEIVER SYSTEMS

- ☒ 5800 receivers
  - 5881L up to eight zones - 50mA
  - 5881M up to 16 zones - 50mA
- ☒ All receivers support
  - Diversity reception with two antennae
  - Remote mounting for best location
  - Unique supervision and low battery indications by point

## TRANSMITTERS

- ☒ 5800 Series
  - Three volt Duracell lithium batteries
  - One mile range
  - Tamper is standard

## AGENCY LISTINGS

- ☒ UL Residential Fire and Burglary and CFM

## COMMUNICATIONS

- ☒ Touch tone 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, Pager

### Ordering Information

Pat No.	Description
Vista-10S	Control Panel



# 6164US

CUSTOM ALPHA DISPLAY KEYPAD  
WITH FOUR INTEGRATED  
HARDWIRED ZONES



Honeywell's 6164US Custom Alpha keypad with four integrated hardwired zones helps reduce install, material and inventory costs. This keypad is ideal for applications where you need to protect areas like a front door or foyer without incurring the costs of hardwiring that point back to the control panel. The 6164US also has an on-board relay to help facilitate lighting and garage door control.

## FEATURES

- Custom alpha display
- Four hardwired zones built-in
- One on-board relay
- Keys continuously backlit for greater visibility
- Speaker with audible beeps to indicate:
  - System status
  - Entry/exit delay
  - Other alarm situations
- Zones and system events displayed in plain English
- No confusing blinking lights
- Four programmable function keys
- System functions clearly labeled
- Functions performed by just entering security code plus command
- White with removable door blends with any décor

## SPECIFICATIONS

### Physical

- 5-5/16"H x 7-3/8"W x 1-3/16"D  
(135mm x 190mm x 30mm)

### Current

- Standby-40mA
- Activated Transmission-160mA

### Wiring

- - (Black): Ground
- + (Red): +12 VDC (Aux. Power)
- D1 (Green): "Data in" to control panel
- D0 (Yellow): "Data out" from control panel

### Compatibility

- Fully compatible with all VISTA controls

## ORDERING

**6164US**

Custom alpha display keypad with four integrated hardwired zones

### Honeywell Security & Custom Electronics

Honeywell  
2 Corporate Center Drive Suite 100  
P.O. Box 9040  
Melville, NY 11747

www.honeywell.com

L/6164US/D  
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# Honeywell

## 997

### CEILING MOUNT PIR MOTION SENSOR



Honeywell's 997 Ceiling Mount PIR (passive infrared) Motion Sensor is designed to be mounted in small to medium sized rooms between 8' and 12' high. Optimal performance is achieved when the detector is mounted on the ceiling in the center of the protected area. While a single 997 is ideal for sensing motion in rooms up to 30' x 30', multiple detectors are recommended when protecting larger areas like classrooms, meeting rooms, public lobbies and storage areas.

Mounting the detector on the ceiling helps minimize vandalism and tampering—making it especially effective in public areas such as schools and retail establishments. The compact, discrete size makes it a nearly invisible way to detect motion, so it will not detract from the style or architecture of the protected area.

## FEATURES

- UP to 36' (11m) diameter coverage pattern
- 360° look-down capability
- 8' to 12' mounting height
- Twist-off cover for easy removal
- Locally and remotely controllable walk-test LED
- Selectable pulse count
- Tampered front cover

## SPECIFICATIONS

### Power:

17mA @ 12VDC

### Temperature:

32° F - 122° F (0° C - 50° C)

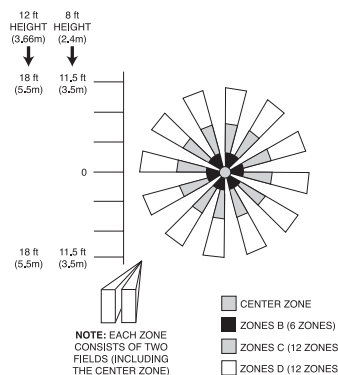
### Humidity:

95% Non-condensing

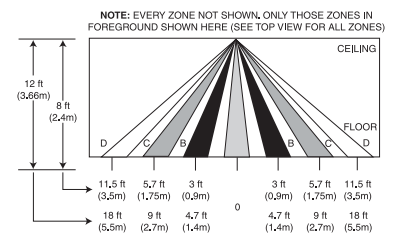
### Dimensions:

3.5" Diameter x 1" H

### Top View



### Side View



## ORDERING

997

Ceiling Mount PIR Motion Detector

### Automation and Control Solutions

Honeywell Security & Communications

2 Corporate Center Dr. Suite 100

P.O. Box 9040

Melville, NY 11747

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L/997D/D

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# FG-1615

The new FG-1615 Glassbreak Detector uses the latest technology to provide faster response and increased false alarm immunity. The FG-1615 is designed to allow fast and easy installation. Optimum operation can be quickly verified using the FG-701 Glassbreak Simulator.

## FEATURES:

### **FlexCore™ Signal Processor**

The FlexCore Signal Processor is an Application-Specific Integrated Circuit (ASIC), which processes sound data in parallel rather than sequentially; for faster, more accurate detection decisions.

The combination of proven FlexGuard® performance with the speed of FlexCore processing provides unmatched false alarm immunity without compromising detection.

### **Easy Installation and Setup**

IntelliSense's patented technology allows remote activation of Test Mode (w/simulator). The FG-1615 has a centered wire entry hole, 45° terminal blocks, and EOL terminals. A hand-clap feature verifies that the detector is functioning. No sensitivity adjustments are required.

### **Mount the Detector Anywhere**

Mounts on any wall, in the window frame, or on the ceiling, with no minimum range and a maximum range of 15' (4.6 m) to the glass.

### **Covers All Glass Types**

The FG-1615 works on all glass types, including plate, tempered, laminated, wired, film-coated, and sealed insulating glass.

### **Multiple Domain Signal Analysis**

The FG-1615 performs Multiple Domain Signal Analysis in which time, frequency and amplitude characteristics are evaluated for signal qualification. This enables the detector to accurately distinguish false alarms from true glassbreak events.

### **Remote Test Mode Enable/Disable**

The Patented Remote Test Mode can be enable or disable the indicator LEDs remotely using the FG-701 Glassbreak Simulator. The unit automatically resets from Test Mode in five minutes.

### **Enclosed PC Board**

The PCB is protected from potential damage during installation.



**Glassbreak  
Detector**

# FG-1615

## SPECIFICATIONS:

### Physical Dimensions:

3 7/8" x 2 2/5" x 7/8"  
(98 mm x 62 mm x 21.8 mm)  
White high impact ABS plastic housing

### Weight:

Product only 3.2 oz. (90 g)  
Pkgd. Product 4.1 oz. (116 g)

### Range:

15' (4.6 m) maximum, omnidirectional  
no minimum range

### Alarm Relay:

FG-1615 Form A, 125 mA max. 25 VDC max.  
FG-1615T Form C, 125 mA max. 25 VDC max.

### Alarm Duration:

Five seconds (unaffected by alarm  
LED latching)

### ESD Immunity:

10kV discharges of either polarity to  
exposed surfaces

### Power Requirements:

6 to 18VDC; 12mA typical at 12VDC, 22mA  
max, (Latched LED) AC ripple: 4V peak-to-  
peak at Nominal 12VDC

### RFI Immunity:

30V/m, 10MHz to 1000MHz

### Operating Temperature:

14° to 122° F (-10° to 50° C)

### Storage: -4° to 122° F (-20° to 50° C)

### Tamper (FG-1615T only):

Combination cover/wall tamper  
25mA max., 24VDC max.

### Approvals and Listings:

FCC and IC Verified  
UL Listed  
ULC Listed  
CE



## ORDERING:

Part No.	Description
FG-1615	Glassbreak Detector
FG-1615T	Glassbreak Detector with Tamper

L/FG1615/D 2/03

### Glass Type/Thickness

Type*	Minimum	Maximum
Plate <sup>3a</sup>	2.4 mm (3/32")	10 mm (3/8")
Tempered	3 mm (1/8")	10 mm (3/8")
Laminated <sup>1</sup>	3 mm (1/8")	14 mm (9/16")
Wired	6 mm (1/4")	6 mm (1/4")
Coated <sup>2,3b</sup>	3 mm (1/8")	6 mm (1/4")
Sealed	3 mm (1/8")	6 mm (1/4")
Insulating <sup>1,3b</sup>	(Maximum overall 7/16")	

<sup>1</sup> Protected only if both plates of the unit are broken.

<sup>2</sup> Coated glass with security films, including films for solar protection, up to 12 mil. thick may be used. Film Technologies International, Inc.'s GLASS-GARD® GGLL 1200 has been evaluated with this product by Underwriters Laboratories, Inc. at the request of IntelliSense.

<sup>3</sup> In compliance with Underwriters Laboratories of Canada's Standard for Intrusion Detection Units (CAN/ULC-S306-M89):

- Plate glass 3mm to 10mm can be used.
- ULC recognizes a maximum range for protecting sealed insulated glass and coated glass of 7.5 ft. (2.3 m).

Note: The FG-1615/1615T detects shattering of framed glass by direct impact. It may not consistently detect breakage by blows that only crack the glass, by high velocity projectiles such as bullets, or glass broken without an impact.

### Accessories

### Description

FG-701 P/N 0-000-701-01 Glassbreak Simulator

### FlexGuard® Glassbreak Simulator/Tester

The sound of breaking glass is digitally simulated by the FG-701. The FG-701 is compatible for testing all IntelliSense glassbreak detectors. IntelliSense highly recommends testing glassbreak detectors before final installation. (See the FG-701 Operating Instructions).

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**Glassbreak  
Detector**

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**IntelliSense**