



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

C18-004495

I. IDENTIFICATION

1. Proposed Work Site at: DR. Decotis 1673 Route 88 West Bruck NJ

2. Name of Owner in Fee: Ocean Security Systems, Inc. Tel. ()
Address Same
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: Ocean Security Systems, Inc. Tel. (732) 270-1784
Address 131 Laurel Avenue, P.O. Box 1349, Island Heights, NJ 08732-1349
License No. OR, if new home Builder Reg. No. 34BF00020800 Exp. Date 1/31/20
Federal Employee No. 51-0072851 FAX: (732) 270-4486

5. Architect or Engineer _____ Tel. ()
Address _____ Contact _____

6. Responsible Person in Charge once Work has Begun Ocean Security
Tel. (732) 270-1784 FAX: (732) 270-4486

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$		
2. Electrical	\$	<u>150-</u>	
3. Plumbing	\$		
4. Fire Protection	\$	<u>116-</u>	
5. Elevator Devices	\$		
6. Subtotal	\$		
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. State Permit Surcharge Fee	\$	<u>10-</u>	
10. Subtotal	\$		
11. Cert. of Occupancy	\$		
12. Other	\$		
13. TOTAL	\$	<u>276-</u>	

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories	
2. Height of Structure	ft.
3. Area — Largest Floor	sq. ft.
4. New Building Area	sq. ft.
5. Volume of New Structure	cu. ft.
6. Construction Classification	
7. Total Land Area Disturbed	sq. ft.
8. Flood Hazard Zone	
9. Base Flood Elevation	ft.
10. Wetlands	yes _____ no _____
11. Max. Live Load	
12. Max. Occupancy Load	

COMMERCIAL

OPTIONAL (for office use only)

II. PROPOSED WORK	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
1. ☐ Minor Work									
2. ☐ New Building									
3. ☐ Addition									
4. ☐ Repair									
5. ☐ Alteration									
6. ☐ Renovation									
7. ☐ Reconstruction									
8. ☒ Fire Protection <u>Alarm</u>	<u>3300</u>				<u>12/11/18 RD</u>				
9. ☐ Plumbing	<u>2000</u>				<u>12/14/18 PR</u>				
10. ☐ Electrical									
11. ☐ Elevator Devices									
12. ☐ Asbestos Abat. Subch. 8									
13. ☐ Lead Hazard Abatement									
14. ☐ Demolition									
TOTAL COST	<u>5300</u>								

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. State Specific Use:

2. Use Group:

3. Change in Use Group, Indicate Former:

4. No. of dwelling units: All Units Income-restricted
Before Construction _____
After Construction _____
Net Gain or Loss _____

B. NON-RESIDENTIAL

1. State Specific Use:

2. Use Group:

3. Change in Use Group, Indicate Former:

III. DO YOU WANT: (optional)

1. ☐ Partial Releases

2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/ Dumbwaiters/Moving Walks	4. ☐ Refrigeration Systems	7. ☐ Smoke Control Systems in Open Wells
2. ☐ High Pressure Boilers	5. ☐ Cross-Connections/Backflow Preventers	8. ☐ Underground Storage Tanks
3. ☐ Pressure Vessels	6. ☐ Hazardous Uses/Places of Assembly	9. ☐ Swimming Pools, Spas and Hot Tubs
	8. ☐ Sprinklers	

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

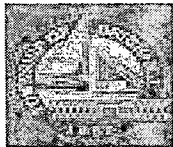
I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

(☒) Check if contractor.

Agent Name Ocean/B Safe Security
Address PO Box 1349
131 Laurel Ave PO Box 1349 Black Horse
Telephone (732) 207-184
Signature [Signature]

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 2/8/2019
Control Number C-18-004495
Permit Number 19-0063
Permit Issue Date 1/9/2019
Certificate Number 19-0063

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 1673 ROUTE 88 Brick Township, NJ Block: 835 Lot: 31 Qual: _____
Owner in Fee: DECOTIIS, BRUCE A
Owner Address: 104 MEADOW POINT RD PT PLEASANT NJ 08742
Telephone: _____
Contractor OCEAN SECURITY SYSTEMS
Address PO BOX 1349 131 Laurel Avenue ISLAND HEIGHTS NJ 08732-
Telephone: (732) 270-1784 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: B Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: ALARM SYSTEM (BURGLAR OR FIRE) - - DR. DECOTIS

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____



FIRE PROTECTION SUBCODE TECHNICAL SECTION



WU

Date Received
Control #

1/4/19

Date Issued
Permit #

19-0063

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 835 Lot 31 Qualification Code _____

Work Site Location 1673 Route 88 West (Dr. Decotis)
Brick NJ 08723

Owner in Fee: Ocean Allergy Realty

Tel. (732) 458-2000 e-mail _____

Address same

Contractor: Ocean/B-Safe Security municipality _____ Tel. 732 270 184 pin code _____

Address 131 Laurel Ave PO Box 1349 e-mail _____

Island Heights NJ 08732

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. 34BF00020800 Exp. Date 01/31/2020

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 510272851 FAX: (732) 270-4486

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present _____ Proposed _____

Constr. Class: Present _____ Proposed _____

Heating System: ☐ New OR ☐ Modification to Existing
OR ☐ Conversion OR ☐ Replacement

Fuel Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar
☐ Other _____

Location: _____

Total Cost of Fire Protection Work \$ 3300

Fuel Storage Tank:

Fuel Type: ☐ Flammable OR ☐ Combustible
Capacity _____

Fire Alarm System: ☐ New OR ☒ Existing

Location of Panel: _____

Fire Suppression/Standpipe System:

☐ New OR ☐ Existing

Location of Main Control Valve: _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Applicant/Contractor
sign here:

Print name here: Lenny Simon

☒ Certified Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source Upgrade/Replacement of fire alarm system
Method of Alarm/Suppression System Supervision _____

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks	_____	\$ _____
Alarm Systems		
☐ System	_____	
☐ 110v Interconnected	_____	
☒ CO Detectors/110v	_____	
Alarm Devices (i.e., smoke, heat, pulls, water/flow)	<u>9</u>	
Supervisory Devices (i.e., tampers, low/high air)	_____	
Signaling Devices (i.e., horn/strobes, bells)	<u>3</u>	
Other Devices <u>Alarm Panel / Fire</u>	_____	
TOTAL <u>Fire Keypad Commercial</u>	<u>12</u>	
Suppression Systems		
Fire Pump _____ GPM Type _____	_____	
Dry Pipe/Alarm Valves	_____	
Pre-action Valves	_____	
Sprinkler Heads (Dry and Wet)	_____	
Standpipes	_____	
Pre-engineered Systems		
Wet Chemical	_____	
Dry Chemical	_____	
CO ₂ Suppression	_____	
Foam Suppression	_____	
FM200 Suppression	_____	
Other _____	_____	
Other Systems		
Kitchen Hood Exhaust System	_____	
Smoke Control System	_____	
Fuel-Fired Appliances ☐ Gas ☐ Oil ☐ Solid	_____	
Fireplace Venting/Metal Chimney	_____	
Other _____	_____	

JOB SUMMARY (Office Use Only)

PLAN REVIEW:

☐ No Plans Required
☐ Partial -Underslab Utilities Approved

Date: _____ Approved by: _____

☒ Fire Protection Plans Approved

Date: 12/11/18 Approved by: [Signature]

Joint Plan Review Required: _____

☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Elev.

SUBCODE APPROVAL for PERMIT

Date: 12-12-18

Approved by: [Signature]

SUBCODE APPROVAL for CERTIFICATE

☐ CO ☐ CCO ☒ CA

Date: 2-8-19

Approved by: [Signature]

INSPECTIONS

Type:	Failure	Failure	Approval	Initial
Alarm System	_____	_____	<u>26/19</u>	<u>PM</u>
Suppression Sys.	_____	_____	_____	_____
Standpipe	_____	_____	_____	_____
Fire Pump	_____	_____	_____	_____
Pre-Eng. System	_____	_____	_____	_____
Mechanical	_____	_____	_____	_____
Smoke Control	_____	_____	_____	_____
TCO	_____	_____	_____	_____
Flam/Combust Tanks	_____	_____	_____	_____
Fireplace Venting	_____	_____	_____	_____
Final	_____	_____	<u>26/19</u>	<u>PM</u>
Other	_____	_____	_____	_____

Administrative Surcharge \$	_____
Minimum Fee \$	_____
State Permit Surcharge Fee \$	_____
TOTAL FEE \$	_____



ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 835 Lot 31 Qualification Code _____

Work Site Location 1673 Route 88 West (Dr. Decotis)
Brick NJ 08723

Owner in Fee: Ocean Allergy Realty

Tel. (732) 458-2000 e-mail _____

Address same

Contractor: Ocean/B-Safe Security Tel. (732) 270-1784

Address 131 Laurel Avenue PO Box 1349 e-mail _____
Island Heights NJ 08732

Contractor License No. 34BF00020800 Exp. Date 01/31/2020

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 510272851 FAX: (732) 270-4486

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed _____

☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 2000

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval
☐ No Plans Required		Rough			
☐ Partial - Underslab Utilities Approved		Barrier-Free			
Date _____	Approved by: _____	Trench			
☒ Electric Plans Approved <u>SPECS.</u>		Temp. Serv.			
Date <u>2/14/19</u>	Approved by: <u>ASZ</u>	Constr. Serv.			
Joint Plan Review Required:		TCO			
☐ Bldg. ☐ Plumb ☐ Fire ☐ Elev.		Other			
SUBCODE APPROVAL for PERMIT		Service			
Date: <u>12/18/18</u>	Approved by: <u>[Signature]</u>	Final			
SUBCODE APPROVAL for CERTIFICATE		Barrier-Free			
☐ CO ☐ CCO ☐ CA		Temp. Cut-in-Card Date Issued			
Date: <u>2/19/19</u>	Approved by: <u>[Signature]</u>	Final Cut-in-Card Date Issued			
		Annual Pool Inspection			
		Date of Grounding and Bonding			
		Certification			

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: [Signature]

Print name here: Lenny Simon

☐ Licensed Elec. Contractor ☐ Certif'd Landscape Irrigation Cont'r ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Upgrade/replacement of fire alarm system

QTY.	SIZE	ITEMS	FEE (Office Use Only)
_____	_____	Lighting Fixtures	_____
_____	_____	Receptacles	_____
_____	_____	Switches	_____
_____	_____	Detectors	_____
_____	_____	Light Poles	_____
_____	_____	Motors—Fract. HP	_____
_____	_____	Emergency & Exit Lights	_____
_____	_____	Communications Points	_____
_____	_____	Alarm Devices/F.A.C. Panel	_____
_____	_____	<u>Cell Communication</u>	_____
_____	_____	TOTAL NUMBERS	\$ _____
_____	_____	Pool Permit/with UW Lights	_____
_____	_____	Storable Pool/Spa/Hot Tub	_____
_____	_____	KW Elec. Range/Receptacle	_____
_____	_____	KW Oven/Surface Unit	_____
_____	_____	KW Elec. Water Heater	_____
_____	_____	KW Elec. Dryer/Receptacle	_____
_____	_____	KW Dishwasher	_____
_____	_____	HP Garbage Disposal	_____
_____	_____	KW Central A/C Unit	_____
_____	_____	HP/KW Space Heater/Air Handler	_____
_____	_____	KW Baseboard Heat	_____
_____	_____	HP Motors 1/+ HP	_____
_____	_____	KW Transformer/Generator	_____
_____	_____	AMP Service	_____
_____	_____	AMP Subpanels	_____
_____	_____	AMP Motor Control Center	_____
_____	_____	KW Elec. Sign/Outline Light	_____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Fire Alarm, Burglar Alarm & Locksmith Adv Comm

HAS REGISTERED

B-SAFE INC
Leonard C Simoni
109 Old Dupont Road
Wilmington DE 19805

FOR PRACTICE IN NEW JERSEY AS A(N): BA and FA Business



01/11/2017 TO 01/31/2020
VALID

Leonard C Simoni
Signature of Licensee/Registrant/Certificate Holder

34BF00020800

LICENSE/REGISTRATION/CERTIFICATION #

Chen C. L.
DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Fire Alarm, Burglar Alarm & Locks
P.O. Box 45006
Newark, NJ 07101

PLEASE DETACH HERE

B-SAFE INC

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS

34BF 00020800

EXPIRATION DATE 2020

PLEASE USE IT IN ALL

CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS
CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW.

Fire Alarm, Burglar Alarm & Locksmith Adv Comm
P.O. Box 45006
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW.

YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC.

HOME ☐

BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

PRINT YOUR NEW MAILING ADDRESS BELOW.

YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE.

HOME ☐

BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.



CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

IDENTIFICATION Block 835 Lot 31
Work Site Location 1673 Route 88 West
Block 135 08723
Owner in Fee Ocean Allegry Realty
Address Same
Tel. (732) 458-2000
Contractor Ocean/B-Safe Security
Address PO Box 1849
131 Laurelgrove Blvd Hightstown NJ
Tel. (732) 210-784
Lic. No. or Bldrs. Reg. No. 342500000800

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☐ PLUMBING Alarm ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER _____
(Subchapter 8 only)

DESCRIPTION OF WORK:

upgrade & replacement of fire alarm

NOTE: If construction does not commence within one (1) year of date of issuance, or
If construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 5300

Construction Official

Date

U.C.C. F170
(rev. 5/2K)

1 WHITE—INSPECTOR

2 CANARY—OFFICE

3 PINK—TAX ASSESSOR

4 GOLD—APPLICANT

(see reverse side)

PAYMENTS (Office Use Only)

Building _____
Electrical _____
Plumbing _____
Fire Protection _____
Elevator Devices _____
Other _____
DCA Training Fee _____
Cert. of Occupancy _____
Other _____
Total _____
Check No. _____
Cash _____
Collected by _____

Ocean Security Systems

Fire Alarm Inspection Report

Burglar and Fire Business License
BF000162
NJ Division of Fire Safety License
P00289

131 Laurel Ave. - P.O. Box 1349 Island Heights, NJ 08732
732-270-1784 - Fax 732-270-4486 - Info@oceansecurity.com

Property Information

Property Name Dr. Decotis

Address 1673 Rt. 88

City Brick State NJ Zip 08723

Premise Phone 1-732-458-4523

Test Date 11/30/18

Start Time 07:35 Finish Time 04:41

Inspection Interval ☐ Quarterly ☐ Semiannual ☒ Annually ☐ Other

Control Panel Information

Panel Manufacturer Honeywell Model 128FBP

Panel Location Basement Annunciator Location Front Door

Number of Circuits 1 Circuit Style B

Integrated Panel and Dialer ☐ Yes ☒ No

Dialer Manufacturer Honeywell Model VISTA-GSM 4G

Dialer Location Attic 24 Hour Test Yes

Phone Line 1 N/A Phone Line 2 N/A

Central Station Securall Central Station Phone 1-800-624-1180

Transmission Type ☐ Digital ☒ Radio ☐ Cellular ☐ Other

Power Supplies

Primary Power Supply

Primary Power Supply Voltage 120 Amps 20

Disconnect Means Breaker

Secondary Power

Number of Batteries 2 Battery Size 12v/7ah

Battery Type ☒ Sealed Lead Acid ☐ Lead Acid ☐ Other

Battery Condition Visual ☒ Functional ☒ Comments

Load Voltage Functional ☒ Comments

Discharge Test Functional ☒ Comments

Charging Test Functional ☒ Comments

System Operation

	Visual	Functional	N/A	Comments
Control Panel Operation	☒	☒	☐	
Control Panel Lamps/Led's	☐	☐	☒	
Control Panel Display	☐	☐	☒	
Control Panel Trouble Sounder	☒	☒	☐	
Control Panel Switches	☐	☐	☒	
Control Panel Fuses	☐	☐	☒	
Annunciator Operation	☒	☒	☐	
Annunciator Display	☒	☒	☐	

Initiating Devices

Quantity	Device	Visual	Functional	Comments
9	Ionization Smokes	☐	☐	
	Photo Smokes	☒	☒	
	Duct Smokes	☐	☐	
	Beam Smokes	☐	☐	
	Heat Detectors	☐	☐	
	Flame Detectors	☐	☐	
	Pull Stations	☐	☐	
1	Flow Switch	☒	☒	
	Tamper Switch	☐	☐	
	Low Air Switch	☐	☐	
	Low Temp Switch	☐	☐	
	Ansul System	☐	☐	
	Gas Detector	☐	☐	
	CO Detector	☐	☐	

Indicating Appliances

Quantity	Device	Visual	Functional	Comments
	Bells	☐	☐	
	Horns	☐	☐	
	Strobes	☐	☐	
5	Horn/Strobes	☒	☒	
	Speakers	☐	☐	
	Speaker/Strobes	☐	☐	
	Sirens	☐	☐	

N.A.C. Booster Installed Yes ☐ No ☒
 Make _____ Model _____ Location _____
 N.A.C. Expander Installed Yes ☐ No ☒
 Make _____ Model _____ Location _____
 EVAX System Yes ☐ No ☒
 Make _____ Model _____ Location _____

Auxiliary Devices

Quantity	Device	Visual	Functional	Comments
	Door Closing Device	☐	☐	
	Door Release Device	☐	☐	
	Elevator Recall	☐	☐	
	HVAC Shutdown	☐	☐	
	Exhaust Fans	☐	☐	

System Monitoring

Alarm Signal	Panel Yes ☒ No ☐	Central Station Yes ☒ No ☐	Trouble Signal	Panel Yes ☒ No ☐	Central Station Yes ☐ No ☐
Alarm Restore	Yes ☒ No ☐	Yes ☒ No ☐	Trouble Restore	Yes ☒ No ☐	Yes ☐ No ☐

Comments

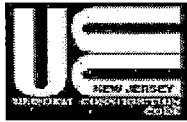
All equipment has been tested and is operating properly, unless otherwise noted, at the following date and time.

Date 11/30/18

Time 4:41

Inspected By Jim Blicher

Signature Jim Blicher



CONSTRUCTION PERMIT

Date Issued 1/9/19
Control # C-18-004495
Permit # 19-0063

IDENTIFICATION Block: 835 Lot: 31 Qualifier _____
Work Site Location: 1673 ROUTE 88 Brick Township, NJ Contractor OCEAN SECURITY SYSTEMS
Owner in Fee DECOTIIS, BRUCE A Address PO BOX 1349 131 Laurel Avenue ISLAND HEIGHTS NJ
104 MEADOW POINT RD PT PLEASANT NJ Telephone: (732) 270-1784
08742 Lic. No. or Bldrs. Reg. No. _____
Telephone: _____ Federal Employee No. _____

Is hereby granted permission to perform the following work:

- | | | |
|--|--|--|
| ☐ BUILDING | ☐ PLUMBING | ☐ LEAD HAZARD ABATEMENT |
| ☒ ELECTRICAL | ☒ FIRE PROTECTION | ☐ DEMOLITION |
| ☐ ELEVATOR DEVICES | ☐ ASBESTOS ABATEMENT
(Subchapter 8 only) | ☐ OTHER |

DESCRIPTION OF WORK:

ALARM SYSTEM (BURGLAR OR FIRE) - DR. DECOTIS

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$5,300

D. V. Kumar
Construction Official

12/17/18
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

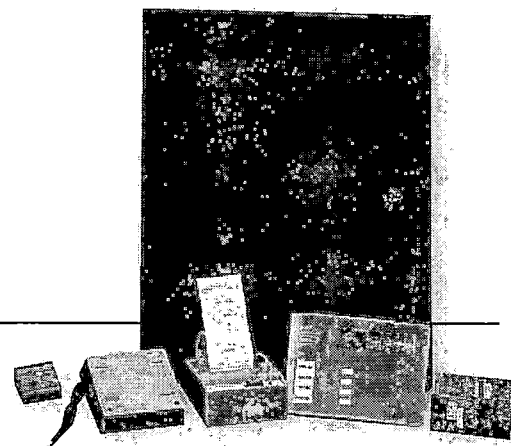
☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

VISTA-128FBP/ V128FBP-24

Commercial Fire and Partitioned Burglary Alarm Control Panel



Designed to integrate seamlessly with CCTV, access control, and ADEMCO's full range of fire and burglary components, the NEW VISTA-128FBP provides the ultimate protection of life and property. The UL listed Commercial Fire and Burglary Control Platform controls up to eight partitions, and supports up to 128 zones/points using hardwired, wireless and V-Plex addressable technologies. A diverse line of ADEMCO initiating devices, notification circuits, digital dialers,

keypads, RF receivers and relays are supported by extremely powerful control platform. The VISTA-128FBP has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models. A revolutionary new feature called Panel Linking allows multiple partitions, panels – even buildings to be armed, disarmed and have status checked from one location.

FEATURES

- Eight hardwired zones standard, expandable to 120 V-Plex addressable points/zones or 128 wireless points/zones
- Can control eight separate areas independently (8 partitions)
- Supports Panel-Linking allows up to 8 systems or buildings to be controlled from one central location (using VA8200)
- Supports commercial UL wireless fire and burg
- Stores up to 512 events and can accommodate 150 user codes
- Supports addressable V-Plex access control points using VistaKey (1 to 8 doors)
- Supports up to 16 doors of access control using Vista Gateway Module (VGM)*
- Supports CCTV applications with the new VistaView-100 CCTV Switcher Module
- Identifies the point or zone of a fire or alarm, using the new FSA-8/FSA-24 Fire System Annunciator
- Programmable to meet SIA false alarm prevention specifications. To meet UL approval for ANSI/SIA CP-01-2000 order part number VISTA-128SIA
- Two on-board notification (bell) circuits delivering 2.3 amp @ 12V or 3.4 amp @ 24V
- Automatic smoke detector sensitivity maintenance testing
- 4-wire smoke reset using on-board J2 output trigger
- Supports Dynamic Signaling for LRR
- Supports Remote Control-via the internet**
- Supports Internet Alarm Reporting**
- Supports the new Graphical User Interface Consoles
- Supports up to 250 access card holders using VistaKey
- Supports AlphaNumeric pager up to 8 different numbers using the VA8201

* Connects to Northern Computers Passpoint Access Control Systems. Maximum 32 doors.

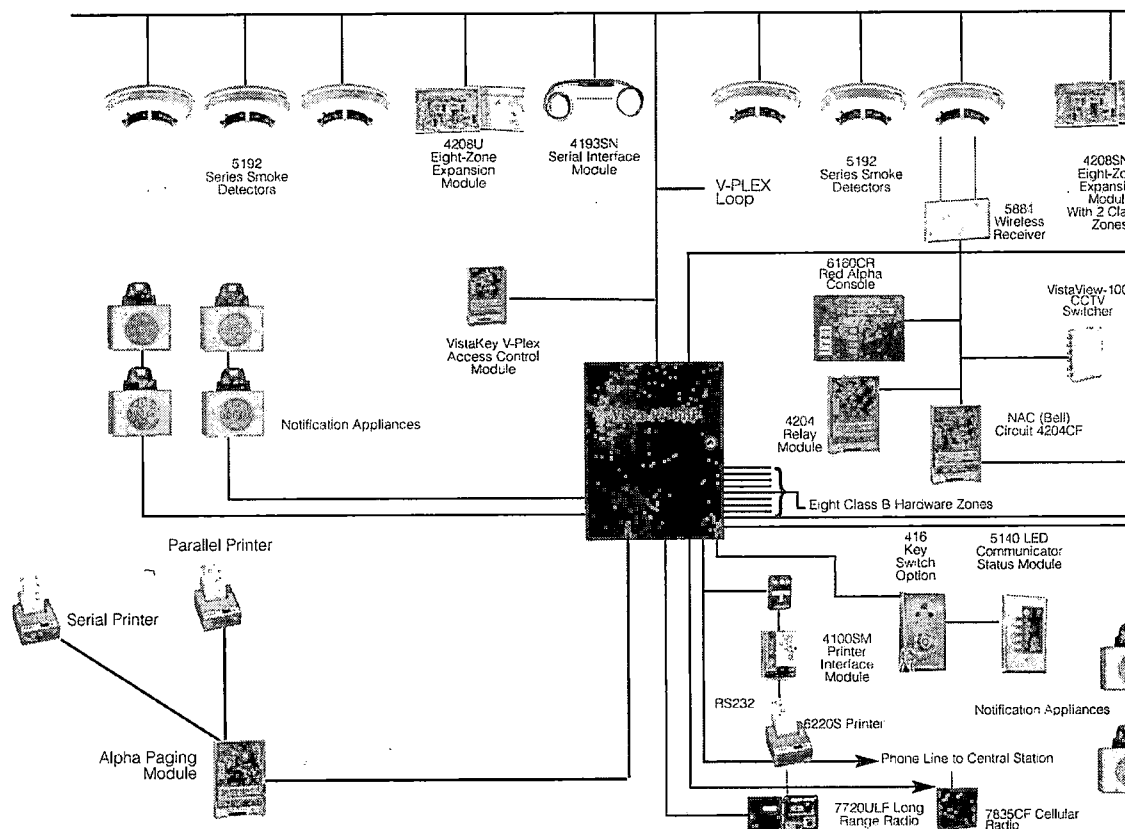
** When used with AlarmNet-i

VISTA-128FBP/V128FBP-24

Commercial Fire and Partitioned Burglary Alarm Control Panel

Additional Features

- Notification Appliance Circuits (two):
 - Programmable
 - Temporal code compliant
 - Individually silenceable
- Programmable on-board auxiliary relay
- SIA false alarm reduction features:
 - Exit error logic
 - Exit delay reset
 - Cross zoning
 - Call waiting defeat
 - Recent close report
- Supports commercial hardwired, addressable V-Plex polling loop and wireless zones
- Hardwired zones
 - Provides eight style B hardwired zones
 - EOLR supervised for Fire and UL burglary installations
 - Supports N.O or N.C. sensors
 - Individually assignable to any eight partition
 - Up to 32 two-wire smoke detectors each on zone one and two (64 total)
 - Up to 50 two-wire glass break detectors on zone eight
- Patented addressable V-Plex polling loop technology
 - Supports 120 two-wire zones points
 - Global polling technology for faster processing
 - Increased current draw capacity (128mA)
 - Supervised by panel
 - Individually assignable to partitions, notification circuit (bell) output or aux relay
 - 4,000 ft capability without the use of shielded cable
 - Extender/Isolation bus module
 - Two-wire smoke detector zone/group expansion module adds two or four zones
 - Eight zone – Class A and B extender module
 - Eight zone – Class B extender module
 - One zone supervised contact monitor module
- UL Listed wireless expansion
 - Supports up to 128 wireless zones/points using 5881ENHC receiver
 - Supervised by control for check-in signals
 - Tamper protection for transmitters
 - Individually assignable up to eight partitions
- Supports UL864/NFPA approved wireless smoke detectors
- Access Control integration
 - Full integration with PassPoint Access Control System Complete Gateway interface of Vista and access functions
- Up to 8 doors using VistaKey V-Plex Access Control
- Event reporting
- Local printer of access or VISTA related event
- Scheduled uploading of events to central station
- Stored events for one call retrieval
- Communication
 - Phone mapping by zone response type
 - Supports VIP interactive phone voice module
 - Panel operation during download
 - Uploading equipment list to central station
 - Communication to PassPoint via Vista Gateway Module
- CCTV integration
 - Supports VistaView-100 ECP based CCTV switchers



Applications

The VISTA-128FBP control is well suited for a variety of applications as an integrated fire and burglary control. A diverse line of ADEMCO initiating devices supports this extremely powerful control. Some of the applications supported are: medical and professional buildings, churches or synagogues, office buildings, schools, strip malls, larger residences and factory or warehouse environments.

Installation

The VISTA-128FBP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire and burglary installations.

Specifications Electrical

- Primary power: 18VAC @ 72VA ADEMCO No. 1451
- Control panel quiescent current draw: 350mA
- Backup battery:
 - 12VDC, 12AH min to 34.4AH max
 - Lead acid battery (gel type)

- Alarm power: 12VDC, 1.7A max for each notification (bell) circuit output Total 2.3amps @ 12V
- Aux. standby pwr: 12VDC, 1A max
- Total power: 2.3A at 12VDC, 3.4A at 24VDC from all sources
- Standby time: 24 hours with 1A standby load using 34.4AH battery
- Fusing: Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited.
- Optional 24-volt power supply, PS 24 Supplies two 24 VFW, 1.7A full wave rectified, unfiltered outputs Main Dialer:
- Line seize: Double Pole
- Ringer equiv.: 0.7B
- Formats: ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, SESCOA and Radionics
- Dual phone line capability (using 5140DLM module)

Cabinet dimensions

- 18"H X 14.5"W X 4.3"D

Environmental

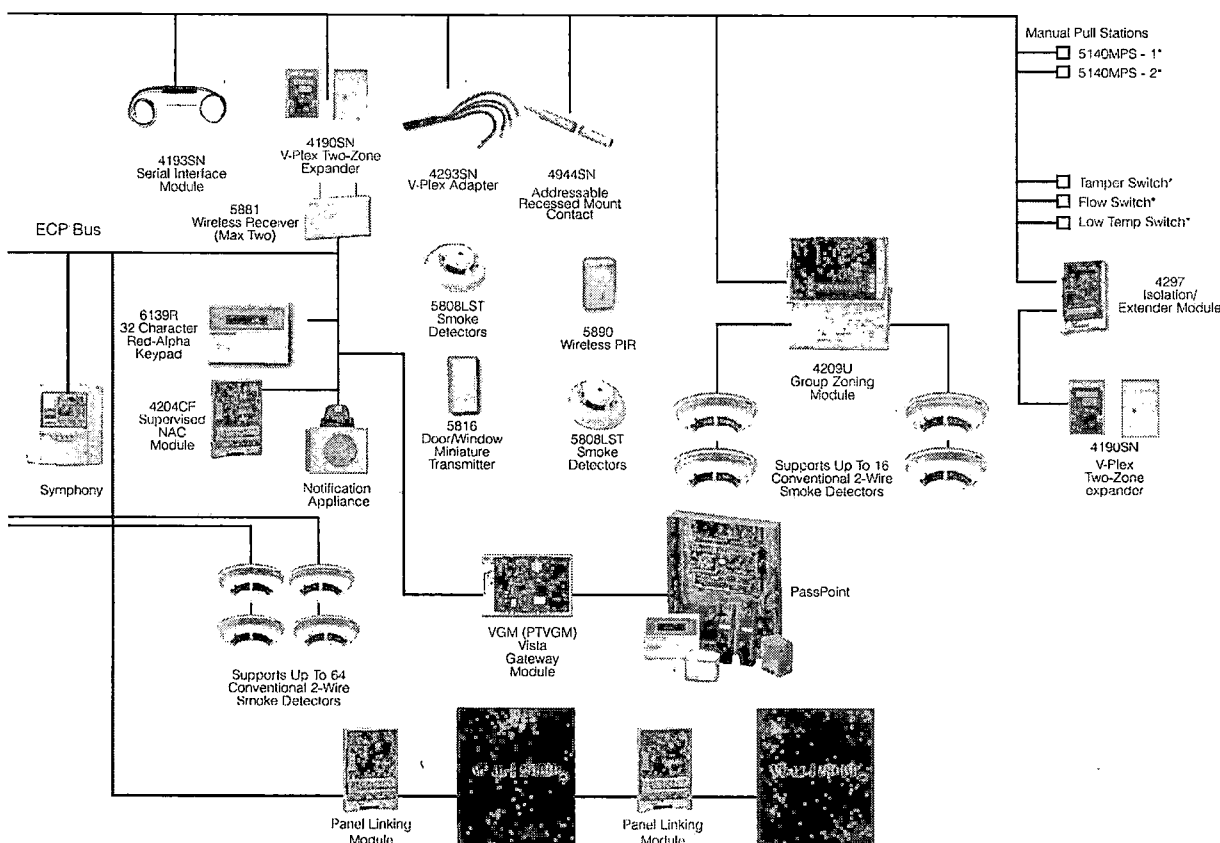
- Storage temp: -10°C to 70°C
- Operating temp: 0°C to 50°C
- Humidity: 85% RH
- EMI: Meets or exceeds the following requirements:
 - FCC Part 15, Class B Device
 - FCC Part 68
 - IEC EMC Directive

Agency Listings Burglary

- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL611/1610 Grades A, AA, Central Station
- UL365 Grades A, AA Police Connect

Fire

- UL864/NFPA72 Local, Central Station and Remote Station
- Factory Mutual
- California State Fire Marshal
- MEA
- UL985



VISTA-128FBP/V128FBP-24

Commercial Fire and Partitioned Burglary Alarm Control Panel

SPECIFICATIONS

Auxiliary Devices

- 6160CR – Red Alpha Keypad
- 6139R – Red Alpha Keypad/Annunciator
- FSA-8 & FSA-24 annunciator modules
- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series – RF receiver supporting 5800 wireless detectors
- 6220S – System printer used with 4100SM serial module

Two-wire smoke detectors conventional

- 2100 Series Photoelectric
- 2400 Series Photoelectric
- 1100 Series Ionization

Four-wire smoke detectors conventional

- 2112/24 Series Photoelectric
- 1412 Series Ionization

Horn/Strobes

- System Sensor Notification Appliances

Manual Pull Stations

- 5140MPS-1
- 5140MPS-2

V-Plex (addressable) Devices

- 4208U Loop Expansion Module – eight zones
- 4101SN Single Relay/Zone Module
- 4208SNF Class A/B Expander Module
- 4209U Group Zoning Module – two/four zones

- 4190SN Remote Point Module – two zones
- 4193SN Two Zone Serial Interface Module
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module

V-Plex (addressable) Smoke Detectors:

- 5192SD • 4192SD • 4192CP
- 5192SDT • 4192SDT • 4192CPM
- 4192SDTM

V-Plex Passive Infrared Detectors

- 998MX
- 4275EX-SN
- 4278EX-SN

V-Plex (addressable) Contacts

- 4939SN-WH
- 4944SN-WH
- 4959SN

V-Plex Glassbreak Detectors:

- 9500SN

VISTA interactive phone module

- 4286 Voice Module

Optional 24V Power Supply

- PS24 – 24V power supply – 3.4A Long Range Radio:
- Long Range Radio 7720ULF-XX, 7835C, 7835CF, 7845C

Upgraded software

- Upgraded Compass Downloader Windows compatible

Wireless Devices

- 5804BDV – Bi-directional with voice
- 5804BD – Bi-directional Key
- 5804Watch – Wireless Key &

sports watch combined

- 5816 – Door/Window Transmitter
- 5804 – Wireless key
- 5827BD – Bi-directional Keypad
- 5890 – PIR
- 5849 – Glassbreak Detector
- 5819 – Shock Sensor

Commercial Wireless Devices

- 5808LST – Wireless Smoke Detector
- 5809 – Wireless Heat Detector
- 5817CB – Wireless Commercial Transmitter
- 5869 – Hold-Up Transmitter
- 5881ENHC – Commercial Fire/Burg Receiver

Access Control

- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control (Northern Computers)

CCTV

- VistaView-100 CCTV Switcher or Module

Internet Access

- Graphical user interface with internet capability
- Internet Remote Control-Networking Module
- Internet Alarm Communicator (7845i)

Paging

- VA8201 AlphaNumeric Pager

ORDERING

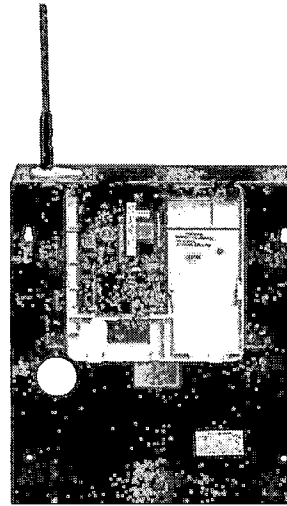
VISTA-128FBP	Commercial Fire and Partitioned Burglary Alarm Control Panel 12V Model
V128FBP-24	Commercial Fire and Partitioned Burglary Alarm Control Panel 24V Model

Honeywell Security & Custom Electronics

165 Eileen Way, Syosset, NY 11791
www.honeywell.com/security

iGSMCFP4G

INTERNET AND 4G COMMERCIAL FIRE COMMUNICATOR



The iGSMCFP4G is a UL approved dual technology fire alarm communicator that offers contact ID reporting with select VISTA® control panels. It offers three selectable reporting paths which include: cellular only, IP only, or IP primary/cellular backup. The iGSMCFP4G transmits all VISTA control panel events via Contact ID to the AlarmNet® Network Operating Center for routing to the assigned central station receiver.

The state of the art AlarmNet Network Operating Center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using AlarmNet-i and 800 PLUS services, providing true redundancy and multi-path message delivery.

The iGSMCFP4G meets UL 864 requirements and provides programmable supervision options to meet NFPA72 2010 and 2013 standards using single or dual technologies.

FEATURES

- **Single or Dual Path Communications** – Communicates using Internet, Cellular, or both
- **Multi-GSM Platform Compatibility** – 2G, 3G and 4G
 - Operates over the following communication protocols: HSPA+ (4G), HSPA (HSDPA & HSUPA) (3G), EDGE (2G), GPRS (2G)
- **IP Communications** – Works over any type of customer provided Ethernet 10/100
 - Base network connection (LAN or WAN), DSL modem or cable modem
 - Supports both dynamic (DHCP), or public and private static IP addressing
- **Full Contact ID or ADEMCO® High-Speed Reporting** – Contact ID reporting using ECP mode with compatible Honeywell control panels
- **256-bit AES Encryption** – Advanced encryption standard used for secure communications
- **Upload/Download** – Available with select Honeywell control panels. Requires Compass version 1.5.8.54a or higher.
- **Diagnostic LEDs** – Provide signal strength and status indications
- **QOS** – Quality of Service diagnostics via AlarmNet supply vital information including when a message was received, battery voltage, input voltage, signal strength and message path
- **Web-Based or Local Programming** – Allows complete interactive programming from AlarmNet Direct. <https://services.alarmnet.com> or local programming with 7720P hand-held programmer

iGSMCFP4G

INTERNET AND 4G COMMERCIAL FIRE COMMUNICATOR

SPECIFICATIONS

- **Mechanical:**
 - Dimensions: 15.0" H x 12.75" W x 3.0" D
 - Weight: 10 lbs.
- **Input Power:**
 - 12VDC supplied by the control panel
- **Current Drain:**
 - 190mA standby, 215mA active
- **RF Frequency:**
 - 2G GSM/GPRS/EDGE Quad Band, 850/900/1800/1900 MHz
 - 3G/4G UMTS/HSPA+ Band V, Band II
- **RF Output Power:**
 - 2G GPRS +33 dBm, GMSK modulation
 - EDGE +27 dBm, 8-PSK modulation
 - 3G UMTS +24 dBm, QPSK modulation
 - WCDMA +24 dBm, QPSK modulation
 - 4G HSPA+ +24 dBm, 64 QAM modulation
 - WCDMA +24 dBm, 64 QAM modulation
- **Ethernet:**
 - Network Standard: IEEE 802.3u compliant
 - Data Rate: 10 Base-T/100 Base-T with auto detect
 - Ethernet Cable: CAT5 (min), MDI/MDI-X auto crossover
- **Environmental:**
 - Operating temperature: 32°F to 120.2°F (0°C to 49°C)
 - Storage temperature: -40°F to 158°F (-40°C to 70°C)
 - Humidity: 0 to 85% relative humidity, non-condensing
 - Altitude: to 10,000 feet operating, to 40,000 feet storage
- **Listings:**
 - UL 864 – Standard for Control Units and Accessories for Fire Alarm Systems
- **UL Compatible Control Panels:**
 - VISTA-32FB
 - VISTA-32FBT
 - VISTA-128FBP
 - VISTA-128FBPT
 - VISTA-250FBP
 - VISTA-250BPT
 - FA1670C (First Alert Professional)
 - FA1670CT (First Alert Professional)
 - FA1700C (First Alert Professional)
 - FA1700CT (First Alert Professional)

ORDERING

iGSMCFP4G Internet and 4G Commercial Fire Communicator

For more information: www.honeywell.com/security

Automation and Control Solutions

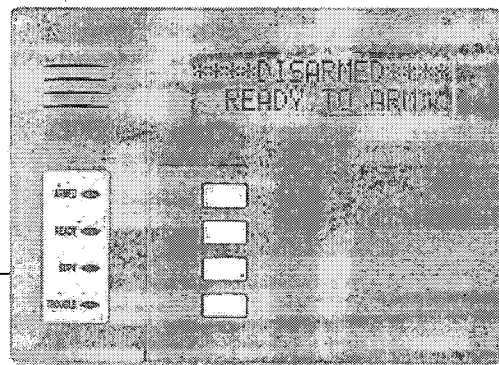
Honeywell Security Products Americas
2 Corporate Center Dr. Suite 100
P.O. Box 9040
Melville, NY 11747
1.800.467.5875
www.honeywell.com



L/iGSMCFP4GD/D
June 2014
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6160CR

Commercial Fire Alpha Keypad



The 6160CR is an addressable remote keypad intended for use in commercial fire applications with ADEMCO's control platforms. The keys are continuously backlit for convenience and easy visibility. The LCD display is backlit only when a key is depressed*, or when the system is in alarm or trouble condition.

**Note: On some platforms, the LCD may be programmed to remain on at all times (see panel instructions for details).*

FEATURES

- Four programmable function keys
- Built-in sounder
- Four LED's
 - Armed
 - Ready
 - Trouble
 - Supervisory
- Large easy-to-read display
- Red removable door

SPECIFICATIONS

Physical:

- 5.250" W x 7.437" H x 1.312" D

Display:

- Alphanumeric, 32-character (2 lines x 16 characters) LCD back light
- LEDs: ARMED (red), READY (green), *TROUBLE (yellow) and *SUPERVISORY (yellow)

- See control panel's instructions for specific applications regarding Trouble and Supervisory LEDs.

Sounder:

- High-quality speaker

Electrical:

- 45mA standby 150mA in alarm (sounder, back light and LED on)

Wiring table: (all keypads)

Compatibility

Supports Control Platforms:

- VISTA-32FB Rev. 3 and higher
- VISTA-128FB Rev. 4 and higher
- VISTA-128FBP
- VISTA-250FBP
- V128FBP-24
- V250FBP-24

DI	"Data IN" to control panel from keypad
-	Ground (-aux. Power)
+	+12VDC (+aux. Power)
DO	"Data OUT" from control panel to keypad

UL/CUL Listed for Residential and Commercial Fire and Burg installations. To be employed with manufacturer's listed control units as indicated in the installation instructions.

ORDERING

6160CR Commercial Fire Alpha Keypad

Honeywell Security Group

ADEMCO

165 Eileen Way, Syosset, NY 11791

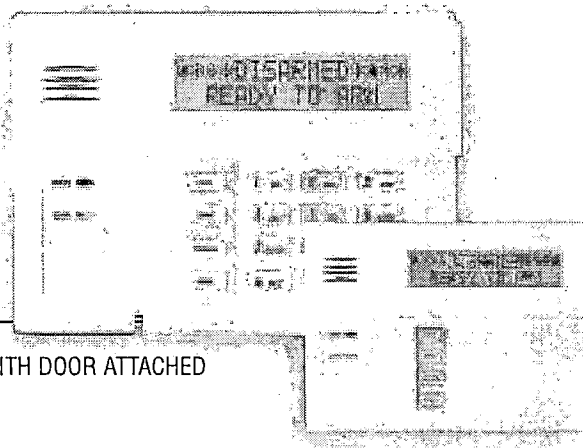
www.ademco.com

ADEMCO
A Honeywell Company

6160

Alpha Display Keypad

WITH DOOR ATTACHED



The 6160 Deluxe Keypad is easy to install and simple to use. The attractive white console blends with any décor and features a contoured, removable door that conceals illuminated soft-touch keys. The 6160 also features a new larger and brighter 32-character display with easy-to-read plain-English status messages.

The oversized function keys are easily accessed even when the keypad door is closed, and can be programmed for fire, burglary, personal emergencies and other operations. Colored self-adhesive Labels are included.

FEATURES

- Large, easy-to-use keypad
- 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

6160

Alpha Display Keypad

Honeywell Security & Custom Electronics

PO Box 9035,
Syosset, NY 11791

www.security.honeywell.com/sce

Honeywell

L/6160/D
November 2004
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Selectable Output Notification Devices

SpectrAlert® Advance selectable-output horns, strobes, and horn/strobes are rich with features guaranteed to cut installation times and maximize profits.

The SpectrAlert Advance series of notification appliances is designed to simplify your installations, with features such as: plug-in designs, instant feedback messages to ensure correct installation of individual devices, and eleven field-selectable candela settings for wall and ceiling strobes and horn/strobes.

More specifically, when installing Advance products, first attach a universal mounting plate to a four-inch square, four-inch octagon or double-gang junction box. The two-wire mounting plate attaches to a single-gang junction box.

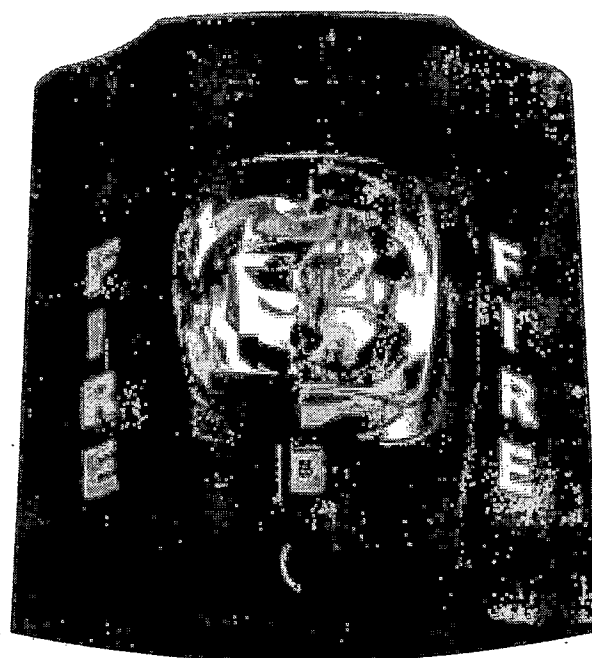
Then, connect the notification appliance circuit wiring to the SEMS terminals on the mounting plate.

Finally, attach the horn, strobe or horn/strobe to the mounting plate by inserting the product's tabs in the mounting plate's grooves. The device will rotate into position, locking the product's pins into the mounting plate's terminals. The device will temporarily hold in place with a catch until it is secured with a captured mounting screw.

SpectrAlert Advance products allow you to choose:

- 12 or 24 volts
- At 24 volts, 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177 or 185 candela by way of rear-mounted slide switch and front viewing window
- Horn tones and volume by way of rotary switch

The SpectrAlert Advance series includes outdoor notification appliances. Outdoor strobes and horn/strobes (two wire and four wire) are available for wall or ceiling. Outdoor horns are available for wall only. All System Sensor outdoor products are rated between minus 40 degrees Fahrenheit and 151 degrees Fahrenheit in wet or dry applications.



SPECTRAlert
ADVANCE
From System Sensor

Features

- Plug-in design
- Same mounting plate for wall- and ceiling-mount units
- Shorting spring on mounting plate for continuity check before installation
- Captive mounting screw
- Tamper resistance capability
- Field selectable candela settings on wall and ceiling units: 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, 185
- Automatic selection of 12 or 24 volt operation at 15 and 15/75 candela
- Outdoor wall and ceiling products
- Outdoor products rated from -40° to 151°F
- Minimal intrusion into the back box
- Horn rated at 88+ dbA at 16 volts
- Rotary switch for tone selection
- 3 horn volume settings
- Electrically compatible with existing SpectrAlert products

Agency Listings



7125-1653:186 (indoor strobes)
7125-1653:187 (outdoor strobes)
7125-1653:188 (horn/strobes)
7125-1653:189 (horns)

SpectrAlert Advance Specifications

Architect/Engineer Specifications

General

SpectrAlert Advance horns, strobes and horn/strobes shall mount to a standard 4 × 4 × 1½-inch back box, 4-inch octagon back box or double-gang back box. Two-wire products shall also mount to a single-gang 2 × 4 × 1½-inch back box. A universal mounting plate shall be used for mounting ceiling and wall products. The notification appliance circuit wiring shall terminate at the universal mounting plate. Also, SpectrAlert Advance products, when used with the Sync-Circuit™ Module accessory, shall be powered from a non-coded notification appliance circuit output and shall operate on a nominal 12 or 24 volts. When used with the Sync-Circuit Module, 12-volt rated notification appliance circuit outputs shall operate between nine and 17.5 volts; 24-volt rated notification appliance circuit outputs shall operate between 17 and 33 volts. Indoor SpectrAlert Advance products shall operate between 32 and 120 degrees Fahrenheit from a regulated DC, or full-wave rectified, unfiltered power supply. Strobes and horn/strobes shall have field-selectable candela settings including 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, 185.

Strobe

The strobe shall be a System Sensor SpectrAlert Advance Model _____ listed to UL 1971 and shall be approved for fire protective service. The strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system.

Horn/Strobe Combination

The horn/strobe shall be a System Sensor SpectrAlert Advance Model _____ listed to UL 1971 and UL 464 and shall be approved for fire protective service. The horn/strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The horn shall have three audibility options and an option to switch between a temporal three-pattern and a non-temporal (continuous) pattern. These options are set by a multiple position switch. On four-wire products, the strobe shall be powered independently of the sounder. The horn on horn/strobe models shall operate on a coded or non-coded power supply.

Outdoor Products

SpectrAlert Advance outdoor horns, strobes and horn/strobes shall be listed for outdoor use by UL and shall operate between minus 40 degrees and 151 degrees Fahrenheit. The products shall be listed for use with a System Sensor outdoor/weatherproof back box with half inch and three-fourths inch conduit entries.

Synchronization Module

The module shall be a System Sensor Sync-Circuit _____ listed to UL 464 and shall be approved for fire protective service. The module shall synchronize SpectrAlert strobes at 1Hz and horns at temporal three. Also, while operating the strobes, the module shall silence the horns on horn/strobe models over a single pair of wires. The module shall mount to a 4½ × 4½ × 2½-inch back box. The module shall also control two Style Y (class B) circuits or one Style Z (class A) circuit. The module shall synchronize multiple zones. Daisy chaining two or more synchronization modules together will synchronize all the zones they control. The module shall not operate on a coded power supply.

Physical/Electrical Specifications

Standard Operating Temperature	32°F to 120°F (0°C to 49°C)
K Series Operating Temperature	-40°F to 151°F (-40°C to 66°C)
Humidity Range	10 to 93% non-condensing (indoor products)
Strobe Flash Rate	1 flash per second
Nominal Voltage	Regulated 12DC/FWR or regulated 24DC/FWR ¹
Operating Voltage Range ²	8 to 17.5 V (12V nominal) or 16 to 33 V (24 nominal)
Input terminal wire gauge	12 to 18 AWG
Ceiling mount dimensions (including lens)	6.8" diameter × 2.5" high (173 mm diameter × 64 mm high)
Wall mount dimensions (including lens)	5.6"L × 4.7"W × 2.5"D (142 mm L × 119 mm W × 64 mm D)
Horn dimensions	5.6"L × 4.7"W × 1.3"D (142 mm L × 119 mm W × 33 mm D)

Notes:

1. Full Wave Rectified (FWR) voltage is a non-regulated, time varying power source that is used on some power supply and panel outputs.
2. P, S, PC, and SC products will operate at 12 V nominal only for 15 and 15/75 cd.

UL Current Draw Data

UL Max. Strobe Current Draw (mA RMS)					
	Candela	8–17.5 Volts		16–33 Volts	
		DC	FWR	DC	FWR
Standard Candela Range	15	123	128	66	71
	15/75	142	148	77	81
	30	NA	NA	94	96
	75	NA	NA	158	153
	95	NA	NA	181	176
	110	NA	NA	202	195
High Candela Range	115	NA	NA	210	205
	135	NA	NA	228	207
	150	NA	NA	246	220
	177	NA	NA	281	251
	185	NA	NA	286	258

UL Max. Horn Current Draw (mA RMS)					
Sound Pattern	dB	8–17.5 Volts		16–33 Volts	
		DC	FWR	DC	FWR
Temporal	High	57	55	69	75
Temporal	Medium	44	49	58	69
Temporal	Low	38	44	44	48
Non-temporal	High	57	56	69	75
Non-temporal	Medium	42	50	60	69
Non-temporal	Low	41	44	50	50
Coded	High	57	55	69	75
Coded	Medium	44	51	56	69
Coded	Low	40	46	52	50

UL Max. Current Draw (mA RMS), 2-wire Horn/Strobe, Standard Candela Range (15–115 cd)									
DC Input	8–17.5 Volts			16–33 Volts					
	15	15/75		15	15/75	30	75	95	110
Temporal High	137	147		79	90	107	176	194	212
Temporal Medium	132	144		69	80	97	157	182	201
Temporal Low	132	143		66	77	93	154	179	198
Non-temporal High	141	152		91	100	116	176	201	221
Non-temporal Medium	133	145		75	85	102	163	187	207
Non-temporal Low	131	144		68	79	96	156	182	201
FWR Input									
Temporal High	136	155		88	97	112	168	190	210
Temporal Medium	129	152		78	88	103	160	184	202
Temporal Low	129	151		76	86	101	160	184	194
Non-temporal High	142	161		103	112	126	181	203	221
Non-temporal Medium	134	155		85	95	110	166	189	208
Non-temporal Low	132	154		80	90	105	161	184	202

UL Max. Current Draw (mA RMS), 2-wire Horn/Strobe, High Candela Range (135–185 cd)									
DC Input	16–33 Volts				FWR Input	16–33 Volts			
	135	150	177	185		135	150	177	185
Temporal High	245	259	290	297	Temporal High	215	231	258	265
Temporal Medium	235	253	288	297	Temporal Medium	209	224	250	258
Temporal Low	232	251	282	292	Temporal Low	207	221	248	256
Non-temporal High	255	270	303	309	Non-temporal High	233	248	275	281
Non-temporal Medium	242	259	293	299	Non-temporal Medium	219	232	262	267
Non-temporal Low	238	254	291	295	Non-temporal Low	214	229	256	262

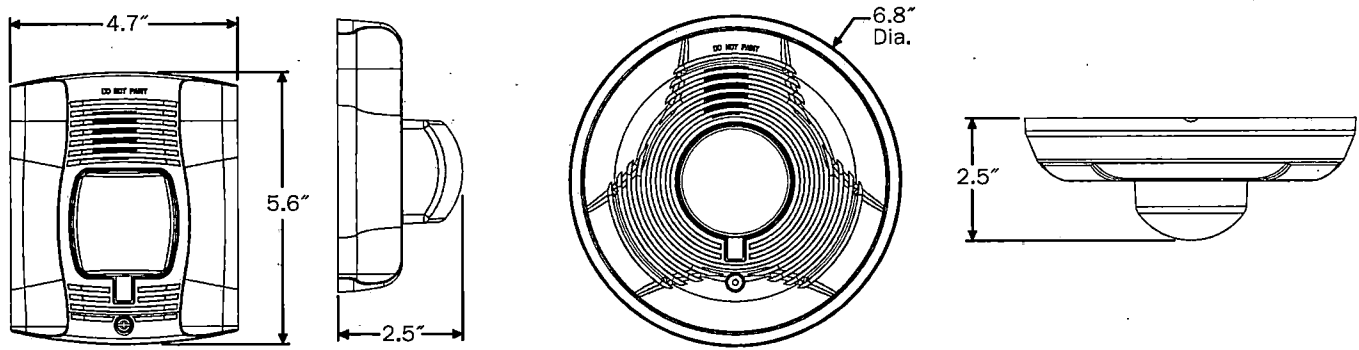
Horn Tones and Sound Output Data

Rotary Horn and Horn/Strobe Switch Settings		
Setting	Repetition Rate	dB Level
1	Temporal horn	High
2	Temporal horn	Medium
3	Temporal horn	Low
4	Normal horn	High
5	Normal horn	Medium
6	Normal horn	Low
7*	Externally coded	High
8*	Externally coded	Medium
9*	Externally coded	Low

Horn and Horn/Strobe Output (dBA)							
Switch Position	Sound Pattern	dB	8–17.5 Volts		16–33 Volts		
			DC	FWR	DC	FWR	
1	Temporal	High	78	78	84	84	
2	Temporal	Medium	74	74	80	80	
3	Temporal	Low	71	73	76	76	
4	Non-temporal	High	82	82	88	88	
5	Non-temporal	Medium	78	78	85	85	
6	Non-temporal	Low	75	75	81	81	
7*	Coded	High	82	82	88	88	
8*	Coded	Medium	78	78	85	85	
9*	Coded	Low	75	75	81	81	

*Settings 7, 8, and 9 are not available on 2-wire horn/strobe.

SpectrAlert Advance Dimensions



SpectrAlert Advance Ordering Information

Model	Description
Wall Horn/Strobes	
P2R*†	2-wire Horn/Strobe, Standard cd*, Red
P2RH*	2-wire Horn/Strobe, High cd, Red
P2RK*	2-wire Horn/Strobe, Standard cd, Red, Outdoor
P2RHK*	2-wire Horn/Strobe, High cd, Red, Outdoor
P2W*	2-wire Horn/Strobe, Standard cd, White
P2WH*	2-wire Horn/Strobe, High cd, White
P4R*	4-wire Horn/Strobe, Standard cd, Red
P4RH*	4-wire Horn/Strobe, High cd, Red
P4RK	4-wire Horn/Strobe, Standard cd, Red, Outdoor
P4RHK	4-wire Horn/Strobe, High cd, Red, Outdoor
P4W*	4-wire Horn/Strobe, Standard cd, White
P4WH*	4-wire Horn/Strobe, High cd, White
Wall Strobes	
SR*†	Strobe, Standard cd, Red
SRH*†	Strobe, High cd, Red
SRK	Strobe, Standard cd, Red, Outdoor
SRHK	Strobe, High cd, Red, Outdoor
SW*	Strobe, Standard cd, White
SWH*	Strobe, High cd, White
Ceiling Horn/Strobes	
PC2R*	2-wire Horn/Strobe, Standard cd, Red
PC2RH*	2-wire Horn/Strobe, High cd, Red
PC2RK	2-wire Horn/Strobe, Standard cd, Red, Outdoor
PC2RHK	2-wire Horn/Strobe, High cd, Red, Outdoor

Model	Description
Ceiling Horn/Strobes (cont'd.)	
PC2W*†	2-wire Horn/Strobe, Standard cd, White
PC2WH*†	2-wire Horn/Strobe, High cd, White
PC4R	4-wire Horn/Strobe, Standard cd, Red
PC4RH	4-wire Horn/Strobe, High cd, Red
PC4RK	4-wire Horn/Strobe, Standard cd, Red, Outdoor
PC4RHK	4-wire Horn/Strobe, High cd, Red, Outdoor
PC4W	4-wire Horn/Strobe, Standard cd, White
PC4WH	4-wire Horn/Strobe, High cd, White
Ceiling Strobes	
SCR*	Strobe, Standard cd, Red
SCRH*	Strobe, High cd, Red
SCRK	Strobe, Standard cd, Red, Outdoor
SCRHK	Strobe, High cd, Red, Outdoor
SCW*†	Strobe, Standard cd, White
SCWH*†	Strobe, High cd, White
Horns	
HR	Horn, Red
HRK	Horn, Red, Outdoor
HW	Horn, White
Accessories	
BBS-2	Back Box Skirt, Wall, Red
BBSW-2	Back Box Skirt, Wall, White
BBSC-2	Back Box Skirt, Ceiling, Red
BBSCW-2	Back Box Skirt, Ceiling, White

Notes:

* Add "-P" to model number for plain housing (no "FIRE" marking on cover), e.g., P2R-P

† Add "-SP" to model number for "FUEGO" marking on cover, e.g., P2R-SP

‡ "High cd," refers to strobes that include 135, 150, 177, and 185 candela settings. "Standard cd," refers to strobes that include 15, 15/75, 30, 75, 95, 110, and 115 candela settings.

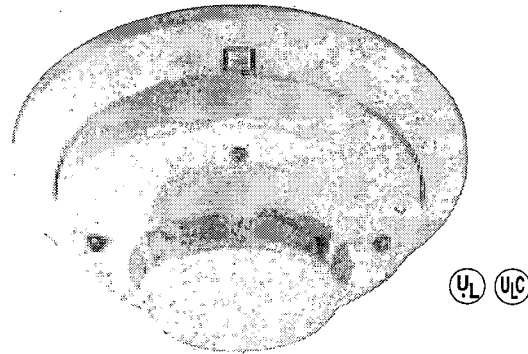


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5193 Series

V-PLEX® ADDRESSABLE SMOKE DETECTOR



Honeywell's V-Plex Addressable Photoelectric Smoke Detectors are designed to provide open area protection and to be used with compatible UL or ULC-listed Honeywell control panels that support V-Plex technology. The detectors incorporate a state-of-the-art optical sensing chamber and an advanced microprocessor. Built-in Drift Compensation algorithms automatically maintain proper operation at factory calibrated detection levels, even when sensitivity is altered due to the presence of contaminants settling into the unit's chamber. The 5193SDT/A also features a restorable, built-in, fixed temperature (135°F/57.2°C) thermal detector.

FEATURES

- **Easy Installation:** Installation is simplified by the use of a mounting base that may be pre-wired to the system, allowing the detector to be easily installed or removed for maintenance or service. (See Figure 1).
- **LED Status Indicators:** Two LEDs (green and red) provide local visual indication of the detector's status – including normal operation, alarm, out of sensitivity and trouble conditions.
- **Test button:** This button allows the user to perform periodic testing of the detector's circuitry and verify that the detector is within the sensitivity limits.
- **Versatile Mounting:** Mounting is made simple with the included hardware and the large mounting ports, which accommodate drywall anchors for easy surface mounting. (See Figure 1).
- **Tamper Protection and Tamper Resistance:** The detector contains a built-in tamper switch that can communicate back to the control panel in the event the detector is removed from its base. For an added level of security, the detector also includes a tamper resistant element that prevents removal from the base without the use of tools. (See Figure 1).

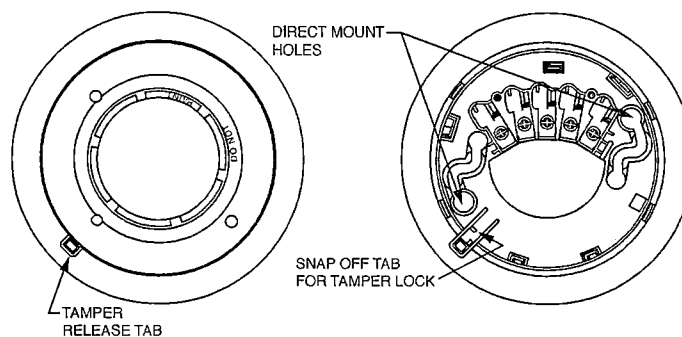


Figure 1: Tamper-Resistant Feature/Wiring

5193 Series

V-PLEX® ADDRESSABLE SMOKE DETECTOR

SPECIFICATIONS

- **Heat Sensor:** (Model 5193SDT/A):
135°F (57.2°C);
Fixed Temperature Electronic Thermistors
- **Operating Ambient Temperature Range:**
32° to 100°F (0° to 38°C)
- **Operating Humidity Range:**
0 to 95% RH non-condensing
- **Storage Temperature Range:**
-4° to 158°F (-20° to 70°C)
- **Diameter (including base):** 5.3 inches (13.46 cm)
- **Height (including base):** 2.0 inches (5.08 cm)
- **Weight:** 6.3 oz. (178.6 g)
- **Agency Listing:** UL 268; CAN/ULC S531
- **System Voltage Range:** 7-14V
- **Standby Current** (maximum @ 12V)
LED off: 1.2mA
LED on: 2.8mA

ACCESSORY (sold separately)

To measure the detector's sensitivity, the SENS-RDR Infrared Sensitivity Reader tool (sold separately) should be used. It reduces testing time, simplifies sensitivity measurements and displays them precisely in terms of percent per foot obscuration. The SENS-RDR eliminates the need for magnets, voltmeters and ladders.

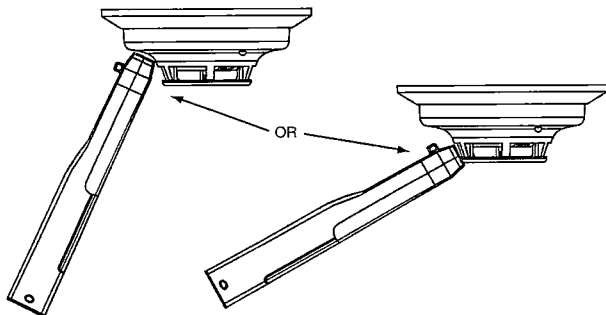


Figure 2: Position of Reader



ORDERING

5193SD	Addressable Photoelectric Smoke Detector
5193SDT	Addressable Photoelectric Smoke Detector with Integral Heat Sensor
5193SDTA	Addressable Photoelectric Smoke Detector with Integral Heat Sensor (Canada Only)

Accessory sold separately:

SENS-RDR	Handheld Sensitivity Reader
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Honeywell

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