

SiXOCC

Wireless Occupancy Sensor / Wireless Occupancy Sensor

INSTALLATION INSTRUCTIONS

The Honeywell SiXOCC Occupancy Sensor is a wireless device used with controllers that support Honeywell's SiX™ series devices.

The SiXOCC combines security motion detection and automation in one unit. Using automation mode allows the device to signal the control to turn a light on or off and/or a thermostat to a pre-programmed temperature.

NOTES: Lights controlled via Z-Wave devices have not been evaluated by ETL.

SECURITY SENSOR

The security sensor reacts to movement and tells the panel to react based on the control's programming.

1. Typically, it's programmed as an interior follower.
2. LED walk test mode indication, one for the intrusion detection and the other for the occupancy detection. (See testing for more information.)
3. Up to 40 pounds' pet immunity.
If they system is Armed, the control goes into alarm.
If the system is disarmed it turns the light on based on the explanation below.

OCCUPANCY SENSOR

When the control is disarmed (deactivated), the occupancy sensor switches to occupancy mode and reacts to the user's programming in the control. Logic is as follows:

General Operation

1. First detection activates turns on the lights and/or adjusts the temperature.
Any small movement, such as the turning a page of a book or swiping a tablet will continue to keep the light on and temperature at the programmed levels.
2. When it stops detecting movement for a pre-defined time-period defined by the user/ installer, it will turn off the light and increase or lower the temperature until movement is detected again.

Daylight Savings

Daylight Savings sensor detects the lighting level in the room.

1. Turns on lights only if the daylight is below a certain level and tries to keep the same amount of light in the room.
2. Once the daylight has been evaluated, the SiXOCC decides when to turn on the light. Depending on the level the light turns on to 25%, 50%, 75%, and 100%.
Example: If the natural room light level is at 100%, then the light does not turn on; at 0% natural light, the light turns on to 100%.
3. The level the light turns on can be set to a certain % (vs. slowly increasing the light level). For example, any natural light level decrease turns on the light to 100%.
4. Programmable to turn the feature on (described above), or off (when it detects any movement).

GUIDE D'INSTALLATION

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The security sensor reacts to movement and tells the panel to react based on the control's programming.

1. Typically, it's programmed as an interior follower.
2. LED walk test mode indication, one for the intrusion detection and the other for the occupancy detection. (See testing for more information.)
3. Up to 80 pounds' pet immunity.
If they system is Armed, the control goes into alarm.
If the system is disarmed it turns the light on based on the explanation below.

OCCUPANCY SENSOR

When the control is disarmed (deactivated), the occupancy sensor switches to occupancy mode and reacts to the user's programming in the control. Logic is as follows:

General Operation

4. First detection activates turns on the lights and/or adjusts the temperature.
Any small movement, such as the turning a page of a book or swiping a tablet will continue to keep the light on and temperature at the programmed levels.
5. When it stops detecting movement for a pre-defined time-period defined by the user/ installer, it will turn off the light and increase or lower the temperature until movement is detected again.

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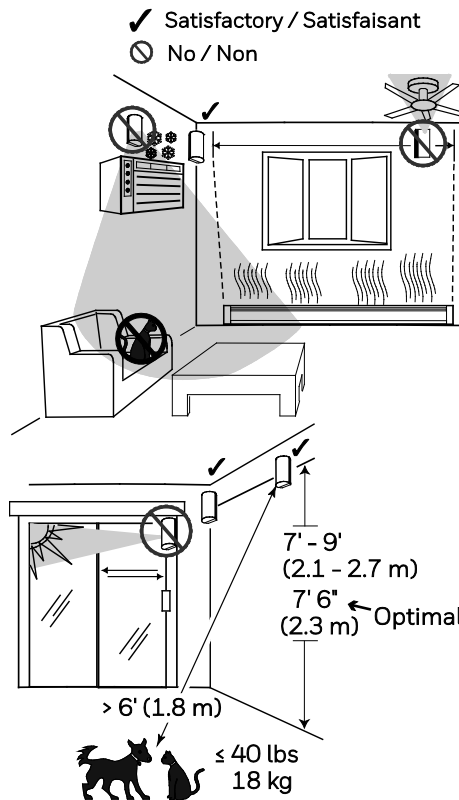
MOUNTING LOCATION

- The optimal range is obtained at a mounting height of 7' 6" (2.3 m).
- Allow a clear line-of-sight to all areas to protect.
- Do not directly face windows.
- Avoid close proximity to moving machinery, fluorescent lights, and heating/cooling sources.

For use in applications with pets up to 80 pounds (36 kilograms).

In Applications with Animals:

- Mount with the center of the device at 7.5 feet (2.3m)
- Mount where pet cannot come within 6 feet (1.8m) of the sensor by climbing on furniture, stairs, boxes or other objects.
- Test each installation to determine exact level of animal immunity; levels vary based on environmental differences and the amount of heat radiated by an animal.



L'EMPLACEMENT D'INSTALLATION

- La hauteur optimale de montage est obtenue à 7' 6" (2,3 m).
- Laissez un champ de visibilité vers toutes les aires à protéger.
- Ne le placez pas directement face à des fenêtres.
- Évitez de l'installer trop près de machines, de lampes fluorescentes, ou de sources de chauffage ou de climatisation.

À utiliser dans les applications où il y a des animaux pesant jusqu'à 80 lb. (36 kg).

Dans les applications où des animaux sont présents :

- Montez le dispositif avec le centre à 2,3 m (7,5 pi)
- Montez le détecteur à un endroit que les animaux ne peuvent pas approcher à moins de 1,8 m (6 pi), et ce, même en grimpant sur les meubles ou d'autres objets.
- Testez chaque installation pour déterminer le niveau exact d'immunité aux animaux; les niveaux varient en fonction des différents environnements et du montant de chaleur qui est émise par les animaux.

MOUNTING OPTIONS

After enrolling, verify adequate signal strength by conducting Go/No Go tests (see the controller's instructions) with the device in its intended mounting location. Adjust the device location and orientation as necessary.

The SIXOCC can be mounted on the wall or in corners:

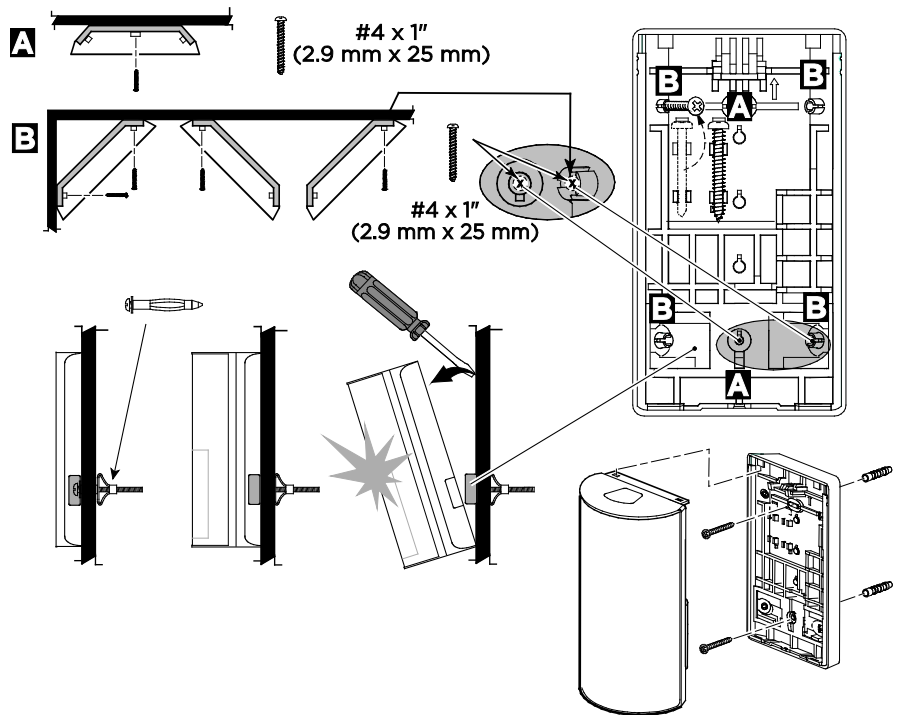
- [A] = Wall mounting holes.
- [B] = Corner mounting holes.
- The rear tamper plate **MUST** be mounted to a stud, solid wood, or with a robust wall anchor.

OPTIONS DE MONTAGE

Après avoir enrôlé l'unité et avant de la mettre en place de façon permanente, effectuez des tests Tout ou rien (voir les instructions du panneau de commande) pour vérifier que la puissance du signal est adéquate. Au besoin, modifiez l'emplacement ou l'orientation du dispositif.

Le SiXOCC peut être monté sur un mur ou dans un coin :

- [A] = Trous de montage au mur.
- [B] = Trous de montage en coin.
- La plaque antisabotage arrière **DOIT** être montée sur un montant ou du bois massif, ou avec un ancrage mural robuste.



ENROLL THE SIXOCC

The SIXOCC can be enrolled and programmed before or after installation.

Press down on the top latch and separate the front and back covers.

1. Put the *Lyric Controller* in Programming Mode: **Security > Tools > [install code] > Program > (scroll down) > SiX Programming**.
2. Remove the battery tab to activate and begin the enrollment process.
3. The green LED beneath the battery flashes (up to about 20 seconds*) during enrollment.

- The device sends its unique MAC ID (Serial Number) and Services information to the controller.
- The controller registers the device and displays the transmitter data on screen.

NOTE: Enrollment time varies depending on the signal strength between the device and the controller.

4. Enrollment is confirmed when the LED is ON for 3 seconds and the controller beeps.

NOTE: If the sensor is not successfully enrolled during the enrollment period, the LED turns off and the device enters a sleep mode. Activate a tamper or remove and reinsert the battery to restart the enrollment process.

5. Assign the Zone Descriptor and set the Device Type. Verify the Service and Response Types and set other options as desired.

NOTE: Pet Immunity is selectable: Off or Up to 80 lbs (36 kg).

6. Press **SAVE** to complete enrollment.

NOTE: Once enrolled in a system, the sensor cannot be used with another controller until it is removed from the current controller. See the Controller's instructions for details.

Sensor Location Feature: To verify the location of each SiX device in an installation, enter programming mode and select a SiX device. The device LED lights. Select it again to turn the LED off or select the next device to locate.

ENRÔLEMENT DU DÉTECTEUR

Le SiXOCC peut être enrôlé et programmé avant ou après l'installation.

Appuyez vers le bas sur le dessus du loquet pour séparer les couvercles avant et arrière.

1. Régler le *contrôleur Lyric* en mode de programmation et accédez à la programmation des zones. Sélectionnez Add New (ajouter nouveau) et ensuite Serial Number (numéro de série).
2. Retirez la languette qui recouvre la pile pour activer le dispositif et commencer la procédure d'enrôlement.
3. La DEL verte qui se trouve en-dessous de la pile clignote durant l'enrôlement.

- Le dispositif transmet au contrôleur son ID MAC (numéro de série) et l'information pour les services.
- Le contrôleur enregistre le dispositif et affiche les données du transmetteur sur l'écran.

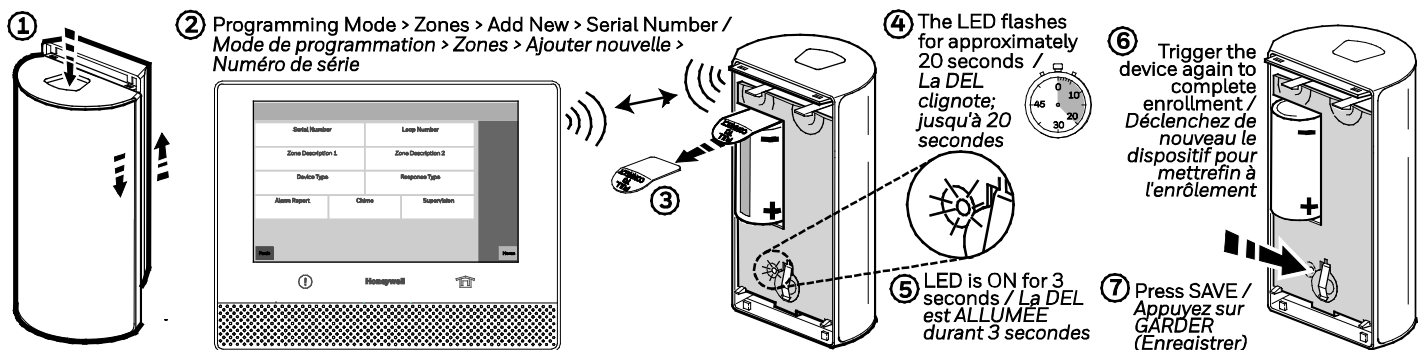
NOTE : La durée de l'enrôlement dépend de la puissance du signal entre le dispositif et le panneau de commande et peut prendre jusqu'à 20 secondes.

4. L'enrôlement est confirmé lorsque la DEL est allumée durant 3 secondes et que le panneau de commande émet des bips.
5. Déclenchez l'interrupteur antisabotage du dispositif pour mettre fin à l'enrôlement.
6. Appuyez sur GARDER (Enregistrer).

Si le dispositif n'est pas enrôlé avec succès durant la période d'enrôlement, la DEL s'éteint et le dispositif passe en mode de veille. Pour redémarrer la procédure d'enrôlement, activez l'interrupteur antisabotage ou retirez et réinsérez la pile.

Le dispositif peut également être enrôlé manuellement. Pour les détails, reportez-vous au Guide de programmation du contrôleur.

Après l'enrôlement, faites la mise à jour du microprogramme du SiXOCC (via le panneau de commande) afin de vous assurer qu'il utilise la plus récente version. Reportez-vous aux instructions du panneau.



24-HOUR ENROLLMENT DELETION AND DEFAULT

If the device is enrolled in a panel different than the intended panel, and you are unable to delete it from the unintended panel, reset default the device to factory default setting:

1. Open the cover and remove the battery.
2. Insert the battery while holding the test button down for 10 seconds.

This procedure is available for 24 hours after enrollment with a panel and the device remains powered (battery installed).

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1. Open the cover and remove the battery.
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How do you perform this operation?

WALK TEST THE SIXOCC

After power up and enrollment, the sensor automatically enters Walk Test mode.

Walk through the detection area and observe the LED.

After 10 minutes, the sensor automatically exits Test mode, disables the LED and enters normal operation mode.

To restart a 10 minute Test period, activate the Test mode with the controller (see the Controller's instructions), or use the flashlight feature (see the following section).

NOTE: the system must be **disarmed** to enter Test Mode.

When in walk test the LED shows red for intrusion and green for occupancy.

TEST PAR DÉPLACEMENT DU SIXOCC

Après la mise sous tension et l'enrôlement, activez le mode de test avec le panneau de commande (voir les instructions du panneau de commande) ou utilisez la fonction Lampe de poche.

NOTE: le système doit être dans le mode désarmé avant que le mode de test de 10 minutes puisse débiter.

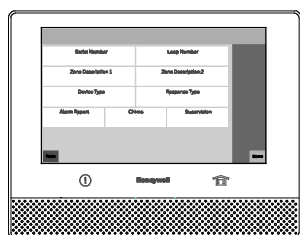
Faites le test par déplacement et observez la DEL.

Le mode de test par déplacement est en fonction pendant 10 minutes, après quoi le système quitte automatiquement ce mode, désactive la DEL et revient au mode normal de fonctionnement.

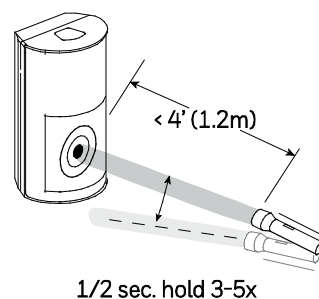
Pour redémarrer le mode de test de 10 minutes, utilisez la fonction Lampe de poche (vois la section suivante).

When in walk test the LED shows red for intrusion and green for occupancy.

Activate the Test Mode from the controller OR using the Flashlight Feature /
Activer le mode de test avec le panneau de commande OU utilisez la fonction Lampe de poche



10 minutes



FLASHLIGHT FEATURE

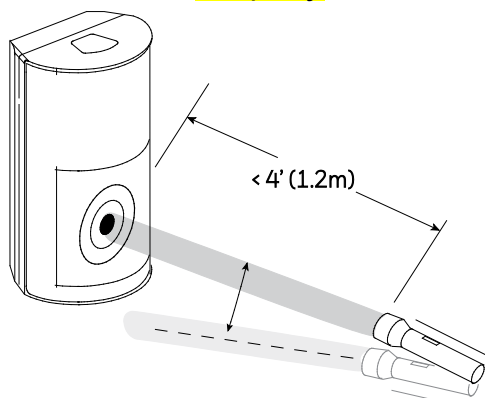
The flashlight feature is only available for the first 24 hours after the first power up, or until the system is first armed. **This feature is no longer available after the first system arming.**

Each time the flashlight features is used, and the system is disarmed, the walk test timer restarts for 10 minutes.

When in walk test the LED shows red for intrusion and green for occupancy.

1. Use a flashlight with a bright light beam, and stand within 4ft (1.2 m) of the sensor.
2. Swing the light beam past the sensor Lens 3-5 times, holding the beam on the window for 0.5 second each pass.

NOTE: the flashlight feature only initiates or restarts the Test Mode and does not change any other sensor settings.



Hold 1/2 sec. 3-5 times to activate test mode. /
Hold 1/2 sec. 3-5 times to activate test mode.

FONCTION LAMPE DE POCHE

La fonction Lampe de poche peut être utilisée seulement durant les premières 24 heures suivant la première mise sous tension, ou jusqu'à ce que le système soit armé pour la première fois. **Cette fonction ne peut plus être utilisée après le premier armement du système.**

Chaque fois que la fonction Lampe de poche est utilisée et que le système est désarmé, la minuterie du test par déplacement redémarre pour 10 minutes.

When in walk test the LED shows red for intrusion and green for occupancy.

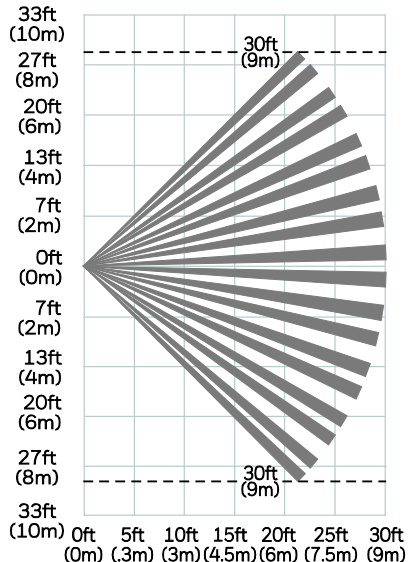
1. Placez-vous à 1,2 m (4 pi) du détecteur avec une lampe de poche dont le faisceau de lumière est très brillant.
2. Balayez le rayon lumineux devant la lentille du capteur de trois à cinq fois en tenant le rayon en direction de la lentille pendant 0,5 seconde à chaque passage.

NOTE : a fonction Lampe de poche amorce ou redémarre uniquement le mode de test et ne modifie aucunement le réglage des autres capteurs.

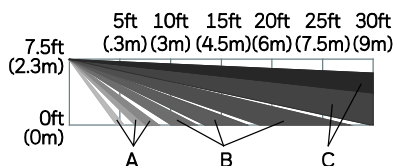
DETECTION PATTERNS

Intrusion Mode

Top View / Vue de dessus



Side View / Vue de côté

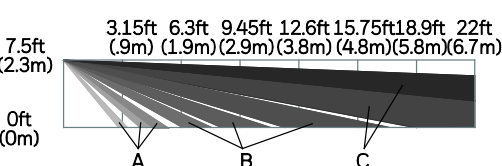
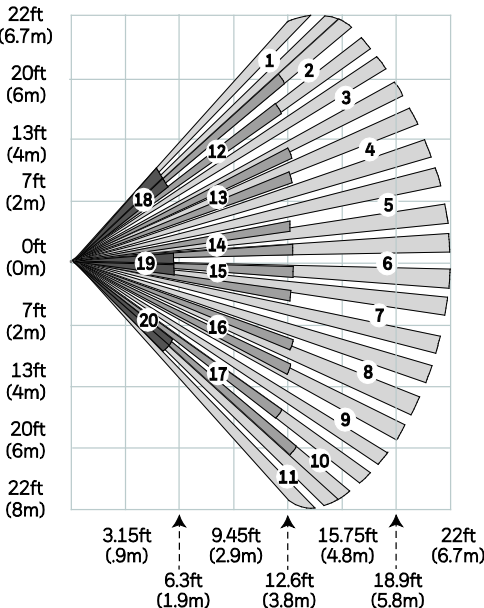


Zones

A	18 Lower / Courtes
B	46 Intermediate / Intermédiaires
C	36 Long / Longues

Occupancy Mode

Top View / Vue de dessus



A	18 Lower / Courtes
B	46 Intermediate / Intermédiaires
C	36 Long / Longues

BATTERY REPLACEMENT

- Press the latch at the top of the device and slide the front cover down to remove it.
- Remove the battery and wait 10 seconds, then insert a new battery. Recommended batteries: Panasonic CR123A, Honeywell 466, Huiderui CR123A, Duracell DL123A
- Place the front and back covers together and slide the front cover upward as shown.

NOTE: Constant exposure to high or low temperature or high humidity may reduce battery life.

BATTERY CAUTION!

Risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212°F or incinerate. Dispose of used batteries properly. Keep away from children.

REEMPLACEMENT DE LA PILE

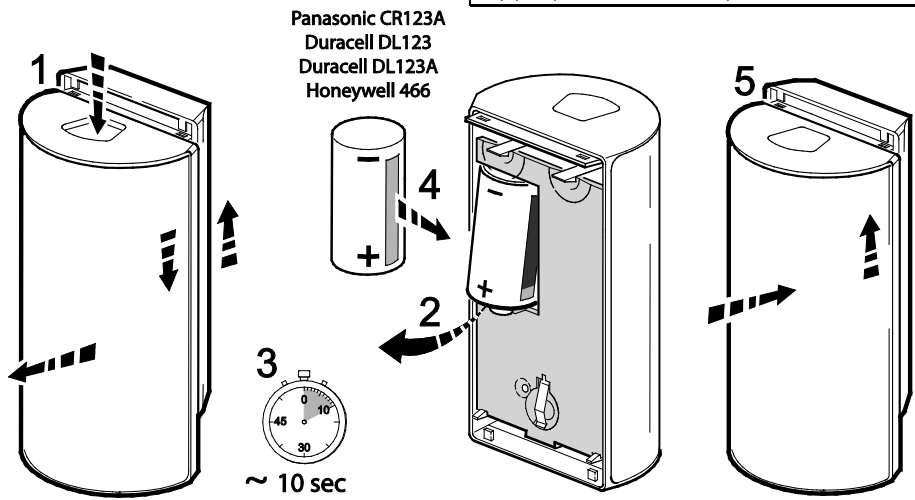
- Appuyez sur le loquet qui se trouve sur le dessus du dispositif en faites glisser le couvercle avant vers le bas afin de le retirer.
- Retirez la pile, attendez 10 secondes, et insérez la nouvelle pile. Piles recommandées : Panasonic CR123A, Honeywell 466, Duracell DL123, Duracell DL123A
- Remplacez les couvercles avant et arrière ensemble et faites glisser le couvercle avant vers le haut tel qu'illustré.

NOTE :

Une exposition constante à des températures élevées ou basses ou à un taux d'humidité élevée peut réduire la durée de vie de la pile.

ATTENTION DE BATTERIE :

Risque d'incendie, d'explosion et de brûlures. Ne rechargez pas, démonter, chauffer au-dessus de 100°C, ou incinérer. Débarrassez-vous des batteries utilisées de façon appropriée. Gardez à partir des enfants.



SPECIFICATIONS/SPÉCIFICATIONS

Battery / Pile	3-volt lithium; Duracell DL123A, Panasonic CR123A, or HUIDERUI CR123A. / 3 volts' au lithium; Honeywell 466
Range / Portée :.....	40' x 56' / 12 m x 17 m
Wall Mounting Height / Hauteur de montage au mur :	7' – 9' (2.1 m – 2.7 m); Optimal 7'6" (2.3 m).
RF Frequency / Fréquence RF	2.4 GHz
Tamper / Interrupteurs antisabotage :7	Cover and Wall / Couvercle et mur:– reported separately to controller / reported separately to controller
Dimensions / Dimensions	4.5 in. diameter / 11.4 cm diamètre, 2.5" deep / 6.3 cm profound
Relative Humidity / Humidité de fonctionnement.....	95% (Agency Compliance – 93%), Non-condensing / 95% max. (Agence de conformité – 93% max.) sans Condensation
Operating Temperature / Température de fonctionnement :	32° – 122°F / 0° – 50°C (Agency Compliance 32° – 120°F / 0° – 49°C)
Weight / Poids:	3.97 oz / 112.67g (net weight)

LED INDICATORS

GENERAL STATUS	PATTERN	TIME DURATION	OCCASION
No programmed network (Green LED)	100ms ON, 100ms OFF	8 seconds	Powered on, but never connected to a network
Programmed into a network (Green LED)	3s ON / 3s Off	Continuously?	Power on, connected to a network (even if already enrolled into another network)
Selection (Red LED)	ON selected; OFF when cancel	The time of selection	When the user select's it, command from 5168
Warm Up (Red LED)	1s on, 1s Off	6-45 seconds	Power on or Reset
RED LED			
Enter/Exit walk test mode	20ms ON, 20ms OFF	2 seconds	Enter or Exit Walk Test mode
Trouble / Tamper	200ms ON, 4800ms OFF	Flash if the error exists	Any trouble condition?
Alarm no Pet Immunity / Panel programmable	100ms ON, 100ms OFF	3 seconds	Alarm in walk test mode
Alarm with Pet Immunity / Panel programmable	3s ON, 3s OFF	3 seconds	Alarm in walk test mode
GREEN LED (INTRUSION)			
Off	N/A	N/A	Normal operation when no activity detected
Delete	100ms ON, 100ms OFF	2 seconds	<i>During enrolment</i>
Tamper/ Trouble	200ms ON, 1800ms OFF	10 minutes	Tamper triggered or Any trouble condition?
GREEN LED (OCCUPANCY)			
Occupancy Alarm	3s ON	3 seconds	Alarm in walk test mode
GREEN LED DURING THE ENROLLMENT			
	3s ON / 3s OFF	3 seconds	Process is complete and enrollment confirmed

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL WITH WHICH THIS DEVICE IS USED, FOR DETAILS REGARDING LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

POUR LES LIMITES DU SYSTÈME D'ALARME AU COMPLET, REPORTEZ-VOUS AU GUIDE D'INSTALLATION DU PANNEAU DE COMMANDE.

RF EXPOSURE

Warning – The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

Mise en Garde

Exposition aux Fréquences Radio: La/les antenne(s) utilisée(s) pour cet émetteur doit/doivent être installée(s) à une distance de séparation d'au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.

FEDERAL COMMUNICATIONS COMMISSION (FCC) & INDUSTRY CANADA (IC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

APPROVAL LISTINGS / APPROBATIONS HOMOLOGATIONS

FCC / IC
cETLus Listed
Conforms to UL 639
Certified to ULC-S306-03

OTHER STANDARDS

SIA-PIR-01
RoHS



SUPPORT, WARRANTY, & PATENT INFORMATION

For online support information, please go to:

<https://mywebtech.honeywell.com/>

Pour de l'assistance en ligne, visitez : <https://mywebtech.honeywell.com/>

For the latest warranty information, go to:

www.honeywell.com/security/hsc/resources/wa

Pour les dernières informations de garantie, s'il vous plaît aller à :

www.honeywell.com/security/hsc/resources/wa

For patent information, see www.honeywell.com/patents

Pour des informations sur les brevets, voir www.honeywell.com/patents



MyWebTech



Warranty



Patents

Honeywell

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

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www.honeywell.com/security



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