Honeywell
THE POWER OF CONNECTED

SiX™ Series / SiX™ Séries

SiXC2W Convert to Wireless / Convert to Wireless

Quick Installation Guide

The Honeywell SiXC2W is an eight zone hardwire to wireless converter used with controllers that support Honeywell's SiX™ series devices. It is useful in retrofit 12-volt security system applications where existing contact wiring was used. It uses those existing wired contacts and converts them to wireless.

FEATURES

- Provides 12-volts for devices such as motion detectors, glass breaks, etc.
  NOTE: Only two devices may be powered using the auxiliary output on the SiXC2W.
- Provides 24-hour battery backup (4-hour if external devices are connected). **NOTE:** It immediately sends a power loss signal to the controller in the event the power is lost.
- When no battery is connected, low battery message will send to control panel.
  When battery is connected, and if battery voltage drops below 3.6VDC, a low battery message sends to the control panel.

  When only the battery is connected, and if the battery voltage 3.4 V, system will shut down.
- Support one button calibration
- Automatic zone configuration
- Easy setup in three steps
- Cover tamper protection

IMPORTANT!
Not to be used for fire, heat, or carbon monoxide detectors.

Guide d'installation rapide

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CALIBRATING

The calibration process enables the SiXC2W to learn what zones are to be active and what value EOL resistors are used.

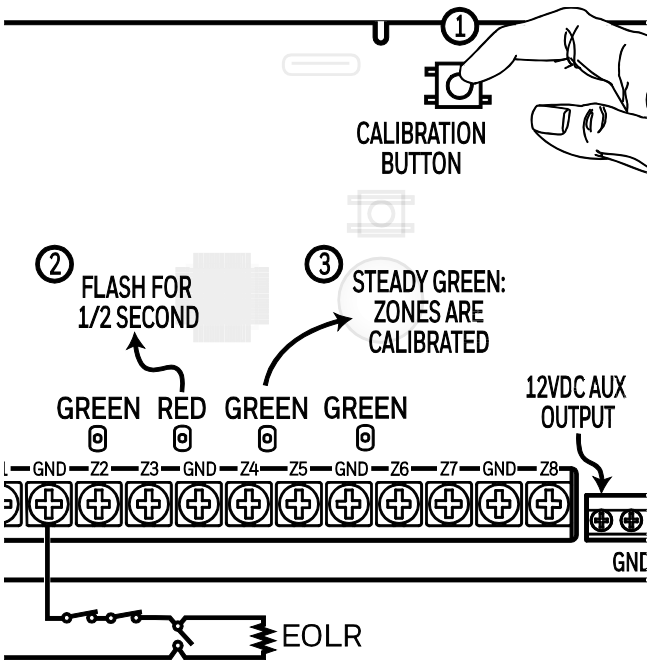
IMPORTANT!
Unused zones that are open **ARE NOT** recognized and reported.

1. Ensure all zones are connected and not faulted.
2. On the SiXC2W, press and release the top middle button.
3. Indicator LED #2 will flash Red for 1/2 second; then LED #3 turns steady Green.
4. Calibration is in process
5. DONE. The SiXC2W is calibrated and ready to enroll in the control panel.

NOTES:

- If the SiXC2W loses both AC and battery backup power, the zone calibration data is retained.
- If there is an existing resistor, it MUST have a value between 1K and 10K.The unit comes with eight (8) 2.2K resistors for zones that don't have one.

IMPORTANT!
Once the SiXC2W is calibrate, any change in the zone resistance the module must be re-calibrated.



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ENROLLING / ENROLLING

Lyric Control
Lyric Controller Enrollment Process, See Controller's installation instructions for its proper programming process.

For Lyric Gateway
Use AlarmNet 360™ to enroll and program this sensor.

For Other Controls
For other controls that support SiX series devices, see the controller's installation app for details

NOTE: Once enrolled in a system, the SiXC2W cannot be used with another controller until it is removed from the current controller. See the Controller's instructions for details.

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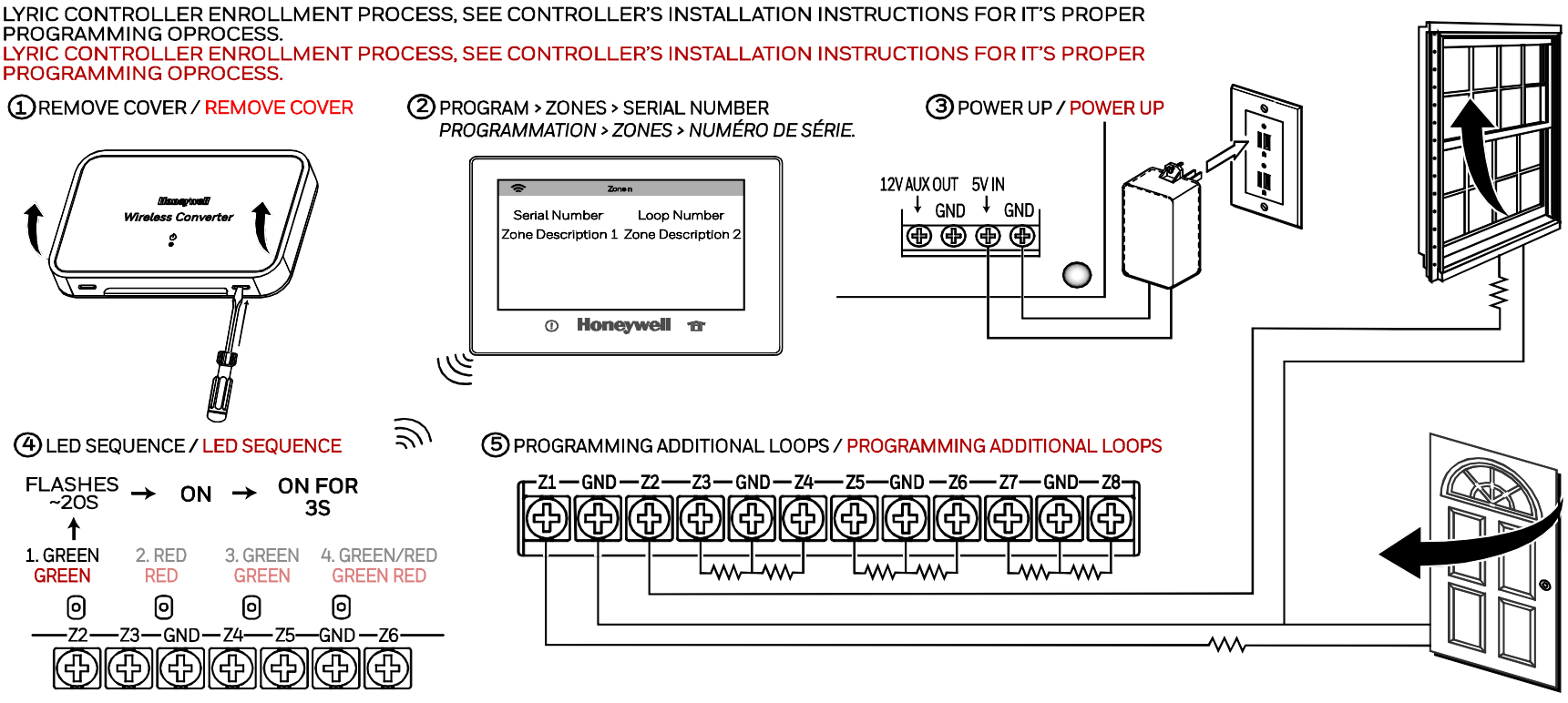
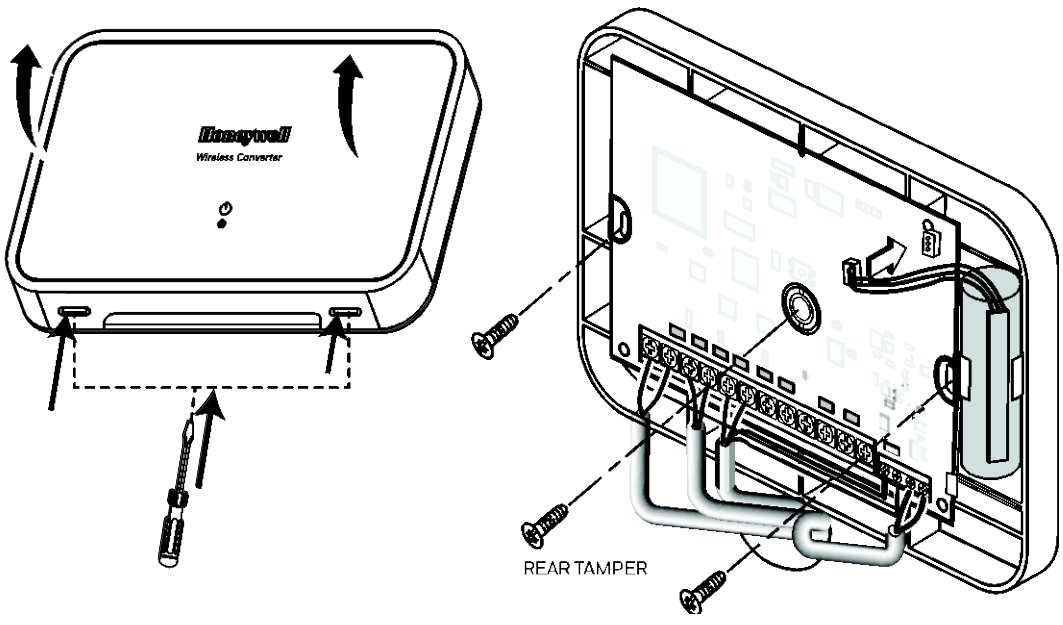


MOUNTING / MONTAGE



Signal strength:

- Rang of 1-4 bars (green), should be a minimum 1 green bar for the zone being programmed.
- Four Red Bards indicate poor signal strength; the device should be relocated.
- See the controller's instruction for bar indication signal strength values.

Icon	Description	Signal Strength
	4 Green Bars	Good
	3 Green Bars	
	2 Green Bars	
	1 Green Bar	
	4 Red Bars	Relocate

TAMPER/LOW BATTERY REPORTING

The SiXC2W reports this condition to the control. If a low battery or tamper condition exists all zones used on the module shows a trouble on the control.

IMPORTANT:
The first battery test occurs 1 hour after power up. To quickly verify a good backup battery, unplug and then plug back in the power supply; the system will perform a battery test within 1 minute.

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LED INDICATIONS

LED # / LED #	Functions / Functions
1 (Green / Green)	Blinks once upon RF signal transmission (HW zone trigger/tamper and/or a fault message), slow blink for a cover tamper, quick blinks for enrollment or deletion / Blinks once upon RF signal transmission (HW zone trigger/tamper and/or a fault message), slow blink for a cover tamper, quick blinks for enrollment or deletion
2 (Red / Red)	Blinks 1s / 1s off when module needs calibrating / Blinks 1s / 1s off when module needs calibrating
3 (Green / Green)	Steady on when the module has been calibrated. / Steady on when the module has been calibrated.
4 (Green and Red / Green and Red)	Green: 5VDC Power from the plug-in transformer is present Red (blinking 1sec on / 1 sec off): Running on battery, DC power not present. / Green: 5VDC Power from the plug-in transformer is present Red (blinking 1sec on / 1 sec off): Running on battery, DC power not present.

Approval Listings / Approbations Homologations:

FCC / IC - ETL Listed to UL268 & 521
cETL Listed to ULC S530 & S531
Other Standards / Autres normes: RoHS

FEDERAL COMMUNICATIONS COMMISSION & INDUSTRY CANADA 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.

SPECIFICATIONS / SPÉCIFICATIONS:

Voltage

Transformer Part #	300-10259
Input Voltage	100 ~ 240VAC, 50 ~60 Hz
Operating Voltage	5VDC
Maximum Transformer Distance	9.8ft. (3m)
Voltage Output	12VDC @ 100mA (Up to three sets of 20–24 gauge wiring)
Battery/ Pile	P/N 300-10342

Environmental

Operating Temp	14 °F (-10°C) to 140°F (60°C) **NOTE:** Charging the lithium battery stops when temperature is below 32°F (0°C)
Relative Humidity	95%, Non-condensing / 95% max. sans condensation

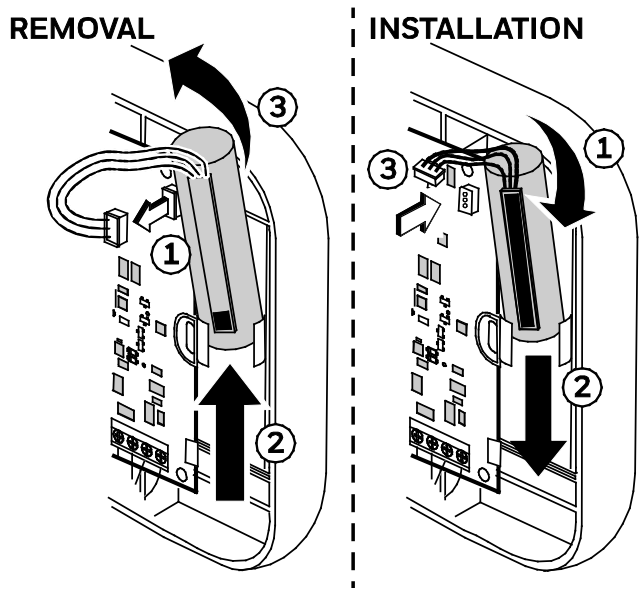
Physical

Dimensions	Length 7.0 in (178 mm) x Width 4.5 in (114 mm) x Depth 1.5 in (38mm)
Mounting Hardware	Double stick tape and screws
Zone Resistance	1K to 10K Ohm EOL Resistors
Zone Wiring	1,000ft (Each Zone)

Radio Frequency

Transmission Range	300ft (91.5m)

BATTERY REMOVAL AND INSTALLATION



Caution: The batteries used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, heat above 212°F (100°C) or dispose of in fire. Use Panasonic CR123A or DURACELL DL123, DL 123A Lithium batteries. Use of other batteries may present a risk of fire or explosion. Keep used batteries away from children. Dispose of used batteries properly.
Remove old batteries. Wait 10 seconds and then replace with four new batteries. To avoid a low battery indication when installing new batteries, both batteries must be installed within 15 seconds of installing the first one. Any low battery condition that may have occurred should clear when the back plate is installed.
Mise en garde : Les piles utilisées dans ce dispositif peuvent présenter des risques d'incendie ou de brûlure chimique si elles sont mal traitées. Ne rechargez pas, ne désassemblez pas, ne faites pas chauffer et ne jetez pas au feu les piles à plus de 100 °C (212 °F). Utilisez des piles au lithium Panasonic CR123A ou DURACELL DL123, DL 123A. L'utilisation d'autres types de piles peut présenter des risques de feu ou d'explosion. Gardez les vieilles piles hors de la portée des enfants. Débarrassez-vous des batteries utilisées de façon appropriée.
Retirez les vieilles piles. Attendez 10 secondes et remplacer-les par quatre nouvelles piles. Pour éviter une indication de piles faibles lorsque vous installez de nouvelles piles, les dos (2) piles doivent être installées en deçà de 15 secondes après l'installation de la première. Toute condition de pilles faibles qui aurait pu se produire devrait être rétablie une fois la plaque arrière installée.

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

See *Honeywell Installation Guide* P/N 800-24139– https://mywebtech.honeywell.com/.

Voir les instructions d'installation complètes 800-24139- https://mywebtech.honeywell.com/.

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