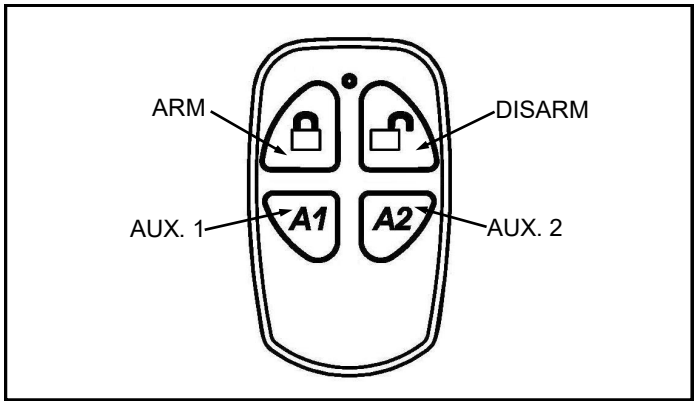
10. Install Keyfobs

The **ISEC-KEYFOB** is a multifunction pendant/keychain transmitter compatible with Napco iSecure-Series wireless systems. It serves as an area arm/disarm device with two auxiliary functions, and may be used as a police panic and/or auxiliary emergency transmitter. A 3V Lithium coin cell battery powers the ISEC-KEYFOB transmitter (use type CR2032 or Duracell DL2032 only; use of another battery may present a risk of fire or explosion). A flashing LED indication signals a low-battery warning to replace the unit.

The ISEC-KEYFOB leaves the factory as a remote area arm/disarm transmitter with two Auxiliary buttons, A1 and A2. Auxiliary functions are selected by programming keyfob Aux 1 and Aux 2 options: None, Panic, Instant , Aux Output Toggle, Aux Output Momentary, Arm Stay or Bypass Interior.

Note: The Aux 1 Button and Aux 2 Button must each be held down for approximately 2 seconds before the respective signal will be sent. The LED will light while the unit is transmitting.



Factory-Supplied Functions: Arm, Disarm, Aux. 1 and Aux. 2

LOW-BATTERY CHECK. THE BATTERIES ARE CHECKED AUTOMATICALLY DURING ANY TRANSMISSION. A LOW-BATTERY CONDITION WILL CAUSE THE LED TO COME ON AND START PULSING FOR APPROXIMATELY 30 SECONDS; A LOW-BATTERY REPORT WILL BE SENT TO THE RECEIVER.

SPECIFICATIONS

Electrical Ratings

Input Power: Powered by a 3-volt lithium battery.
Operating Frequency: 319.5Mhz

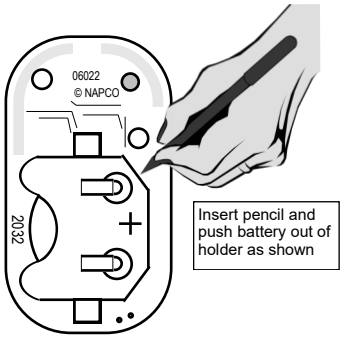
REQUIRED PROGRAMMING

The following information is required for each unit. See page 52 for full programming information.

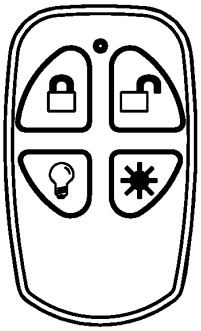
- An assigned keyfob transmitter number
- Area number(s) to which transmitter is applicable
- The 6-digit RF ID code with checksum digit printed on the transmitter (enter all numbers and/or letters, including leading zeros, if any)
- Aux-1 option and Aux-2 option

BATTERY REPLACEMENT

1. Remove the keyring from the keyfob case.
2. Carefully insert the edge of a small coin in the notch located in the bottom right corner of the keyfob (near the key ring loop). Open the case by gently twisting the coin. Lift off the top cover.
3. With the bottom half of the keyfob facing upwards, carefully remove the circuit board.
4. On the bottom side of the circuit board, push the battery out of its metal holder with a sharp pencil. The battery will slide out of its holder as shown in the image below. *Note the orientation of the battery polarity, with its positive side up, before fully removing the battery.*



Battery Replacement: Top View of Bottom Circuit Board



Button Replacement: Auxiliary buttons

5. Replace with a new battery, ***positive (+) side up***, by sliding the battery into its metal bracket. *Be certain of battery polarity before installation*.
6. Reassemble the case by first placing the circuit board, battery side down, into the keyfob base. Place the top of the keyfob (with its rubber button/gasket in place) on the keyfob base and press to snap the two keyfob pieces together.
7. Test the keyfob operation.

BUTTON REPLACEMENT

Factory supplied auxiliary buttons can be installed to operate other items, such as outdoor lights. Install as follows:

1. Open the keyfob as per the Battery Replacement instructions (above) step 1.
2. With the top cover off, lift and remove the rubber buttons from the inside of the top cover.
3. Replace the rubber buttons with the auxiliary buttons, (shown above) reassembling the keyfob in the reverse order of disassembly.
4. Test the keyfob operation.

11. Install Siren

Before You Begin

Install the **ISEC-WL-SIREN** in either of two ways:

- AC with batteries as backup if AC lost
- Batteries only ("mount anywhere")

ISEC-WL-SIREN
Wireless Siren

The unit is shipped from the factory with the 120VAC wall outlet prongs installed (see "**AC With Battery Backup**" instructions, below). To power the siren with batteries only, thus increasing the number of possible installation locations, skip to the section "**Batteries Only ('Mount Anywhere')**". Use the template (page 75 or 77) appropriate for the installation. We recommend the unit be oriented as shown in the accompanying image; however, the unit can be installed upside down if needed. **Warning:** When installing outdoors, *locate in shaded areas only, never in direct sun* (extreme temperatures affect battery life). In addition, do not mount upside down; for outdoor locations the weep hole must be located at the bottom of the unit to allow any condensed water to drip out.

The siren will "learn" AC presence upon first power up; this means that an AC Power Failure trouble will only be reported if the siren is powered by AC and then AC power is lost or if the siren is removed from the wall power socket. In addition, if the siren is powered by AC and the batteries are low (or not installed), a low battery trouble will be reported. Four 'C'-size batteries (not included) ***must always*** be installed (we recommend using Duracell alkaline; never use less than 4 fresh batteries).

Protection against tamper is provided by a Tamper Magnet; for wall outlet installations, install this Tamper Magnet with the provided double-sided tape and NOT the screws (DO NOT use screws near electrical wiring that runs inside walls). We recommend the use of ear protection should the siren activate inadvertently. The siren will "learn" the presence of the tamper magnet the first time the presence of the magnet is detected; subsequent removal of the magnet will trigger a tamper trouble.

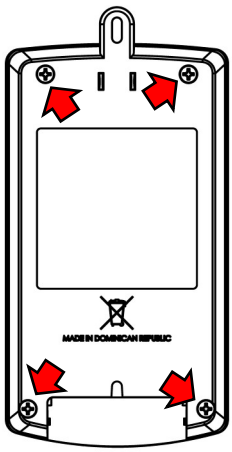


Fig. 1: Rear of the unit

AC With Battery Backup

For AC installations, be sure to select an un-switched 120VAC wall outlet and ALWAYS install the **required** four 'C'-size batteries (not included) that provide power if AC power fails.

1. Place a template (see page 75 or 77) over the 120VAC wall outlet socket, carefully aligning the template with the "**Center Line of Wall Socket**".
2. Mark the location of the ***Tamper Magnet***.
3. Use the supplied double-backed tape to secure the ***Tamper Magnet*** to the wall (do NOT use any screws near electrical wiring that runs inside walls).
4. At the wall outlet, remove the wall cover plate screw (only the screw; keep the cover plate in place). For wall outlets without a center cover plate screw, use the provided bracket and the template on page 77.
5. Plug the unit into the wall outlet, being certain the siren housing is placed over the ***Tamper Magnet***. The unit powers up*.
6. Secure siren to wall outlet by using the supplied screw (part #SC206LF) to replace the wall cover plate screw removed previously. Insert this new screw into the ***Screw Hole Tab*** shown on the page 75 template (or the page 77 template used for outlets without a center cover plate screw).
7. Install the ***Finisher Plate*** to conceal the ***Tamper Magnet*** (see Fig. 2).

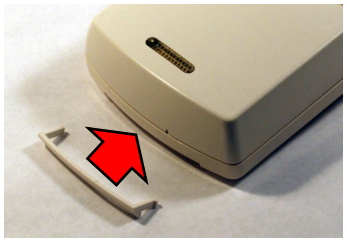


Fig. 2: Finisher Plate

Batteries Only ('Mount Anywhere')

1. Place the template over the mounting surface. Use a level to be sure the template is parallel with the floor. **WARNING:** Select a location that will ensure that screws are NOT used near electrical wiring that runs inside walls.
2. Mark the 2 holes for the ***Tamper Magnet***.
3. Mark the 1 hole for the ***Slide Screw***.
4. Heeding the **WARNING** noted in step 1, above, secure the ***Tamper Magnet*** to the wall using the two screws provided (part #SC596, #6 x ¾" self-tapping, Phillips flat head, U-cut, steel zinc, Type A).
5. Screw in the provided ***Slide Screw*** fully into the wall, then back the screw out 1 turn (part #SC265, #6 x ½" self-tapping, Phillips pan head, steel zinc, Type A).
6. On the back of the unit, remove the four (4) screws that secure the rear housing and pull off the rear housing (see Fig. 1).
7. Remove the two screws that secure the ***Wall Outlet PCB*** (see Fig. 3). Unplug the ***Wall Outlet PCB*** and place into the supplied anti-static bag/sheet for possible future use.
8. On the inside rear housing, insert the **Rubber Gasket** that covers the slots for the ***Wall Outlet PCB*** prongs (see Fig. 4).
9. Install batteries (observing polarity) and the unit powers up*.
10. Replace the rear housing; secure with the four (4) screws.
11. Secure unit to the wall by using a screw (appropriate for the mounting surface) inserted into the ***Screw Hole Tab*** shown on the templates.
12. Install the ***Finisher Plate*** to conceal the ***Tamper Magnet*** (see Fig. 2).

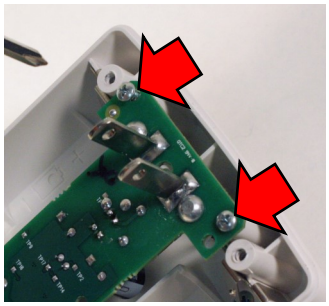


Fig. 3: Remove the two "Wall Outlet PCB" screws

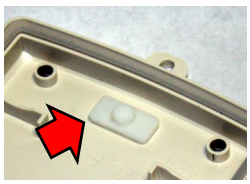


Fig. 4: Rubber Gasket

Note: In areas where power outages are common, we recommend a 5 minute sounder cutoff to maximize battery life.

Every time the siren is powered from an unpowered state, the unit ignores the tamper function until after the siren is placed over the tamper magnet. Subsequently, when the normally-closed tamper circuit opens (magnet removed), the siren reports a tamper trouble to the Go-Anywhere Hub. In addition, pressing the keypad **RESET button sends an updated status from the **ISEC-WL-SIREN** to the Go-Anywhere Smart Hub.*

12. Install Takeover Module

DESCRIPTION

The **ISEC-WL-MODULE** is a "takeover module", used to convert an existing wired security system to wireless. The **ISEC-WL-MODULE** will convert a total of 8 wired zones and convert them into 8 supervised wireless 900MHz zones. For example, if you have existing wired security system sensors such as motion detectors, glass break sensors and door/window transmitters, you can use the existing wiring for each of these devices and convert them into iSecure system wireless zones. Up to 4 **ISEC-WL-MODULE**s are allowed with each Go-Anywhere Smart Hub. **Note:** For existing 2-wire smoke detectors, the **ISEC-2WF-MOD** *2-Wire Fire Sensor Module* may be used if the detectors are compatible (see page 36 for the list of compatible detectors and additional information). **Note:** Pressing the keypad **RESET** button sends an updated zone status and module status from the **ISEC-WL-MODULE** to the Hub. In addition, LED1 turns on for 10 seconds. In addition, remove power from smoke detectors for 10 seconds to reset. See page 54 for full programming information.

WIRING

In general, the first step for wiring the **ISEC-WL-MODULE** is to connect all of the Zone data wires to a mounted and *unpowered* **ISEC-WL-MODULE**. Only after all zone and other wiring is connected should you then power the **ISEC-WL-MODULE** using either the existing wired 12VDC power connections from the existing security control panel or by an auxiliary power supply.

Connect the high side (positive) of each wired zone to its own screw terminal, labeled **Z1**, **Z2**, etc. on the **ISEC-WL-MODULE** terminal strip. Note that several sensors can be wired to a single zone provided they are wired in series. Connect the low side (negative) of each wired zone to any of the ground terminals (labeled **GND** next to each zone terminal).

After all zone wires are connected, connect the battery 12V positive lead to the **BATT+** terminal on the **ISEC-WL-MODULE**. Connect the battery ground lead to any **GND** terminal. After the battery is connected, then connect the 12V positive regulated control panel (or auxiliary supply) power to the **+12V** terminal followed by the negative ground connection to any **GND** terminal.

Wire all zone and power connections using 18-22AWG wire. Install end-of-line resistors on all zones, even if one or more zones are not used.

Note: If battery voltage falls below the minimum level, a battery trouble is triggered; if the voltage climbs above the minimum level, the trouble will restore 30 seconds after pressing the keypad **RESET** button. If **RESET** is not pressed, the battery trouble will self-restore in 4 hours if the battery voltage always remains above the minimum level during this time.

TERMINAL DESCRIPTIONS

Configure all inputs and outputs using the Management Center (the Napco "NOC" located at www.iSecureByNapco.com). Located at the bottom of the PC board, the 20 terminals are described as follows:

EARTH... This optional earth ground terminal provides protection from high-voltage transients (for example, nearby lightning discharges induce high-voltage transients into the field wiring of electronic equipment). Therefore, connect this terminal to a metal cold-water pipe or a long steel (or copper) ground rod driven deeply into the earth. Do not use a gas pipe, plastic pipe or AC ground connections. Use at least 16-gauge wire. Make the run as short and direct as possible, without any sharp bends in the wire.

16VAC SUPV ..... (Left terminal; some PC boards may indicate "**AC**" or "**ACL**") Non-polarized 16VAC terminal used for monitoring AC (**for supervision only, not power**). Connect to AC power source terminal (power supply or Hub power).

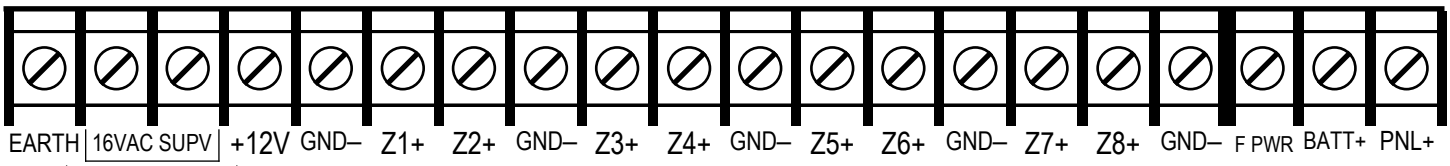
(Right terminal; some PC boards may indicate "**AC**" or "**ACN**") Non-polarized 16VAC terminal used for monitoring AC. Connect to AC power source terminal (power supply or Hub power).

+12V..... +12 volts DC to power the **ISEC-WL-MODULE**. Connect this terminal to the Hub + Auxiliary Power terminal or to the +12VDC terminal of the dedicated power supply

GND– ..... Common ground terminal for all sensors (all **GND** terminals are electrically equivalent). Therefore, connect the low side (negative) lead of each wired zone to the **GND** terminal next to each zone terminal (labeled **Z1**, **Z2**, etc.).
In addition, for the purpose of powering the **ISEC-WL-MODULE**, connect this terminal to the Hub (–) Auxiliary Power or to the (–) 12VDC of the dedicated power supply.

Z1+ - Z8+..... Connect the high side (positive) lead of each wired zone to its own screw terminal, labeled **Z1**, **Z2**, etc., for each zone 1 through 8, respectively.

F PWR.... Fire Reset (output). Pressing **RESET** on a system keypad causes this output to change state (on to off, off to on) for 10 seconds. Typically used to create a power output for latching 4-wire smoke detectors and similar devices that require power to be removed for reset. May also be used on door latches that normally require power, thus power is removed on a "Fire Alarm" event.



continued ⟶

12. Install Takeover Module (cont'd)

BATT+ ... Optional connection to the existing Hub battery + terminal (or + terminal of the power supply) for power supervision. Place shunt across **JP3** to enable supervision.

PNL+..... External +12VDC power input used to power the **FIRE** terminal (described above). Remove jumper **JP13** when **FIRE** output is powered by an external power source (for example, wired to the DC+ output of an external power supply). Install **JP13** to power the **FIRE** terminal from internal DC power. **IMPORTANT:** NEVER install wire to terminal **PNL+** when **JP13** is installed.

JUMPER DESCRIPTIONS

Jumper Block P2

These "Learn jumpers" are in the **P2** jumper block with positions numbered, from left to right, as **1** to **6**:

P2 Position 1 - Shunt position 1 to **DEFAULT** all board flash memory to the factory default settings (enters RF LEARN mode). Shunt position 1 before power up; after the **ISEC-WL-MODULE** is powered, remove jumper from position 1 and the LED marked **LED1** will flash, indicating the unit is waiting to be learned into the Go-Anywhere Hub.

When this learn process completes, **LED1** stops flashing and remains lit.

P2 Position 2 - Shunt position 2 to **DISABLE AC** monitoring of terminals **ACL** and **ACN**. If you wish to disable monitoring of the AC transformer that powers the DC power supply and you also wish to enable AC FAIL reporting, shunt this jumper 2. When **P2** is not shunted, the removal of AC will cause the system to annunciate.

P2 Position 3 - Shunt position 3 to **DISABLE BATTERY** monitoring on the terminal **BATT+**.

P2 Position 4 - Reserved for future use.

P2 Position 5 - Reserved for future use.

P2 Position 6 - Shunt position 6 to start an **END OF LINE RESISTOR LEARN** process for zone terminals **Z1** through **Z8** whereby the value of each normal zone condition is learned by the system. Within 3 seconds of shunting position 6, LED3 (at the top of the PC board) will blink to indicate the learn process is active. This learning process requires that the zone be wired to a sensor and **ZONE #** jumper (**JP5** to **JP12**; see below) be removed for a short time and re-installed. Each normal zone condition is learned by the system. If the zone is open, the zone condition will not be learned. When the zone learning process ends, remove jumper from position 6; in 3 seconds, LED3 will turn off to indicate the learning process has ended. **Note:** The factory default value of the zone terminating resistor is 2.2KΩ, *and therefore does NOT require this **END OF LINE RESISTOR LEARN** process*!

Zone Monitoring Jumpers (JP5 to JP12)

To enable zone monitoring for a zone, place a jumper one of the 8 jumper blocks labeled **JP5** (for **ZONE 1**) through **JP12** (for **ZONE 8**). Each zone 1 - 8 is assigned to terminals **Z1** through **Z8**, respectively.

Notice each jumper block labeled **JP5** through **JP12** contains vertical 4 pins:

- **FIRE** (top two pins): Selected zone reports as a Fire transmitter (for example, a model **ISEC-SMOKE** detector).
- **CO** (middle two pins): Selected zone reports as a carbon monoxide (model **ISEC-CARBON MON**) transmitter.
- **BURG** (lower two pins): Selected zone reports as a Burglary window / door transmitter (model **ISEC-DW-XMITTER**) with one point (i.e. reports the zone change from "normal" to "open").

SPECIFICATIONS

Electrical Ratings

Input Power: 12.5 - 7.5VDC, 60mA.
Zone Loop current: 4.7mA nominal, 5.5mA when shorted.
Maximum Zone Loop Resistance: 300 ohms.
2.2K End of line resistor (part number EOL2.2K required in Fire applications).
Output Power:
PGM Output (Active low): 5mA, 12V. Connect only to power-limited circuits less than 14VDC. Use only in Burglary applications.
Ground Faults Detected: 1.25KΩ to ground or less.

BATTERY MONITORING

When monitoring the battery is required, install the shunt across **P2 Position 2**.

Battery Wiring:

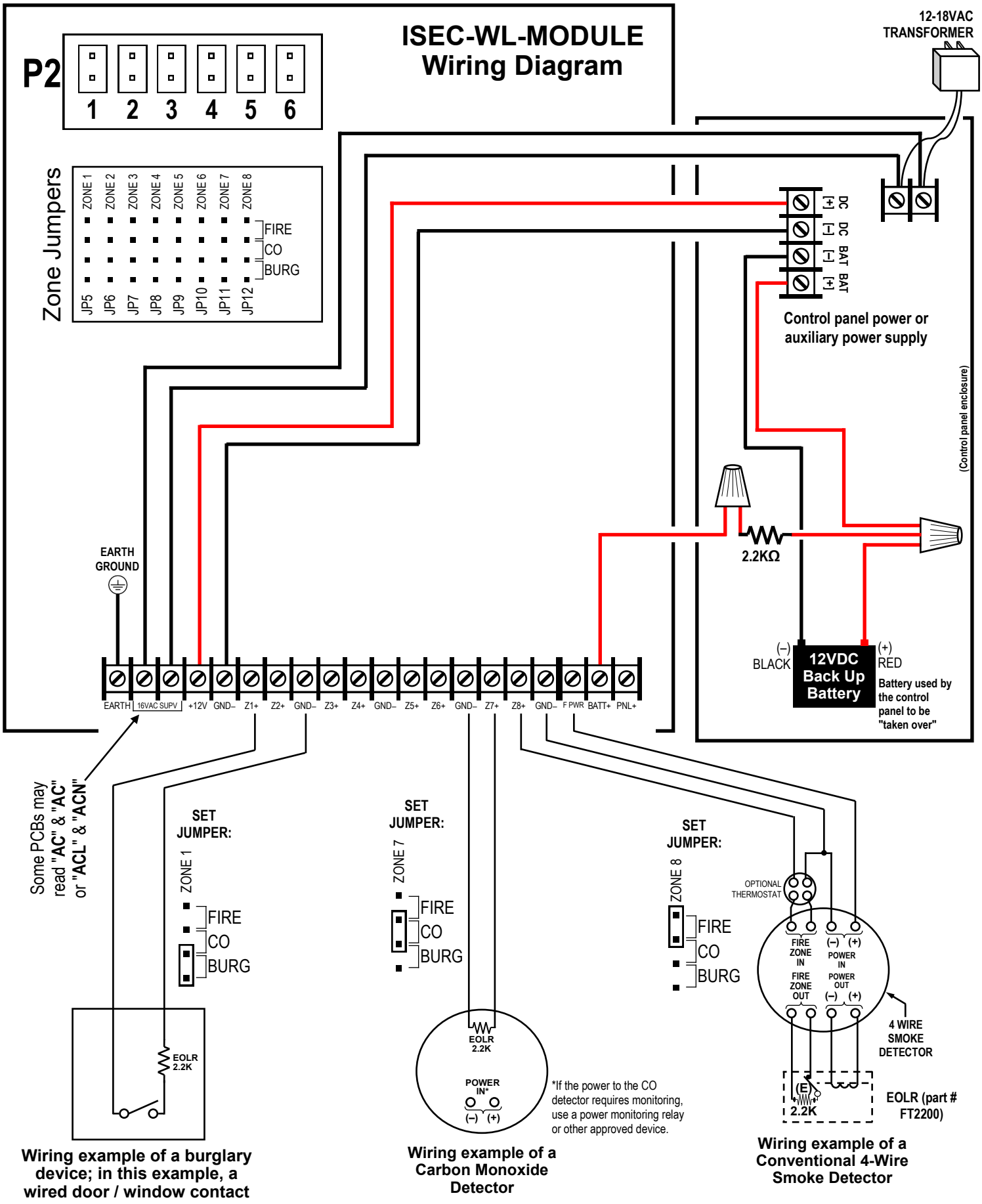
1. Disconnect the battery of the Hub to be taken over and unplug its AC transformer.
2. Cut the control panel's red battery flying lead approximately 3 inches from the battery terminal.
3. Strip both sides of the cut flying lead to expose wire.
4. Inside the panel housing, using a suitable wire connector, crimp both sides of the stripped flying battery lead and one side of the supplied EOLR2.2K.
5. Using a suitable connector, crimp the remaining side of the EOLR2.2k to the wire that extends outside the panel housing to the ISEC-WL-MODULE "**BATT+**" terminal.
6. Ensure the wires connected to the battery are separated by at least 1/4 inch from any non-power limited wire inside the panel housing.

Enable AC Fail Monitoring:

- Install shunt across header **P2 Position 1**.
- For the Hub to be taken over, connect the AC terminal to the ISEC-WL-MODULE "**ACL**" terminal.

continued ⟶

12. Install Takeover Module (cont'd)



Wiring example of a burglary device; in this example, a wired door / window contact

Wiring example of a Carbon Monoxide Detector

Wiring example of a Conventional 4-Wire Smoke Detector

13. Install the ISEC-2WF-MOD

OVERVIEW

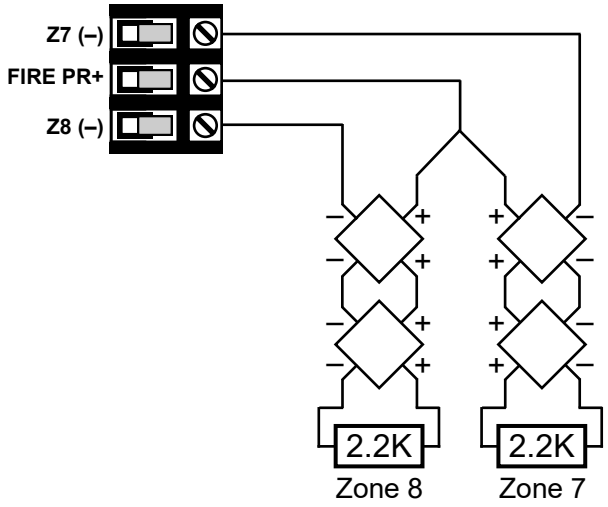
The **ISEC-2WF-MOD** *2-Wire Fire Sensor Module* allows your Napco iSecure Go-Anywhere Smart Hub to detect up to 20* *compatible* 2-Wire smoke detectors (10 per zone). The **ISEC-2WF-MOD** permits the use of existing compatible 2-Wire smoke detectors (see list of compatible smoke detectors, below), and all existing wiring to be used with your iSecure security system.

The **ISEC-2WF-MOD** requires 15mA standby current. The **ISEC-2WF-MOD** signals an alarm when the smoke detector initiates an alarm; refer to the smoke detector specifications for alarm current.

The 2-wire smoke detector wiring is connected to the Go-Anywhere Hub terminals for zones 7 and 8 as follows:

- **Z7 (–)**: Connects to the negative terminal of the two-wire smoke sensor (zone 7).
- **FIRE PR+**: Connects to the positive terminal of the two-wire smoke sensor.
- **Z8 (–)**: Connects to the negative terminal of the two-wire smoke sensor (zone 8).

Connect the 2-wire smoke detectors to the Go-Anywhere Hub terminals, as shown in the accompanying wiring diagram.



**Maximum Wire Length for use with 2WTA-B	
Solid FPLR ("Fire-Power Limited-Riser") or equivalent	**Maximum wire length for use with 2WTA-B**
18 AWG	150 feet (45.7m)
16 AWG	300 feet (91.4m)
14 AWG	350 feet (106.7m)

Based on 2 ohm line resistance.

Compatible 2-Wire Smoke Detector Models		
Manufacturer	**Model**	**Base**
NAPCO	FW-2, FW-2S (FW-RM1** required with the FW-2S** when more than 1 per loop)	N/A
Sentrol / ESL	711U, 712U, 721U, 721UT, 722U, 731U, 732U	701U, 702U, 702RE, 702RU
System Sensor	1100, 1151, 1400, 2100, 2100T, 2100S, 2100TS, 2151, 2400, 2400TH, 2WTA-B**	N/A

Note: Voltage Rating: 8.5 - 13.3VDC.

*Maximum five (5) model FW-2S detectors when using the FW-RM1.

The 300m alarm current supplied by the Go-Anywhere Smart Hub must be reduced by 60mA for each zone using a FW-2S without the FW-RM1. When using the FW-RM1, the standby current must be reduced by 30mA and the 300mA available alarm current reduced by 60mA for each FW-2S used. In addition, when using the FW-RM1, the 470Ω resistor supplied with the FW-RM1 must be placed across the **Bell + and **Bell –** terminals.

Prior to opening the **ISEC-2WF-MOD** PC board package or touching anything inside the iSecure Go-Anywhere Smart Hub enclosure, discharge any static electricity from your body or clothing. Use a grounded wrist strap or touch an unpainted, grounded metal object.

13. Install the ISEC-2WF-MOD (cont'd)

ISEC-2WF-MOD INSTALLATION

If the Go-Anywhere Smart Hub enclosure is not already open, open the enclosure as directed on page 10, step 3. Remove all A/C and battery power and install the **ISEC-2WF-MOD** into the iSecure Hub main PCB as follows:

1. Insert the plastic Standoff into the bottom of the **ISEC-2WF-MOD** (Fig. 1).

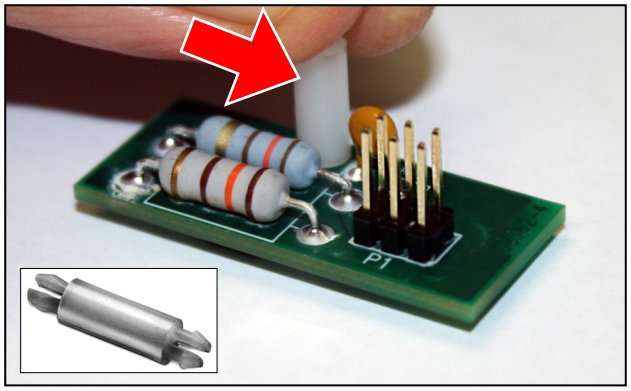


Fig. 1: Standoff (arrow)

2. Use Fig. 2 to locate the **Header Socket** located near the middle left side of the Hub PCB (circled). Also locate the Standoff hole (arrow).

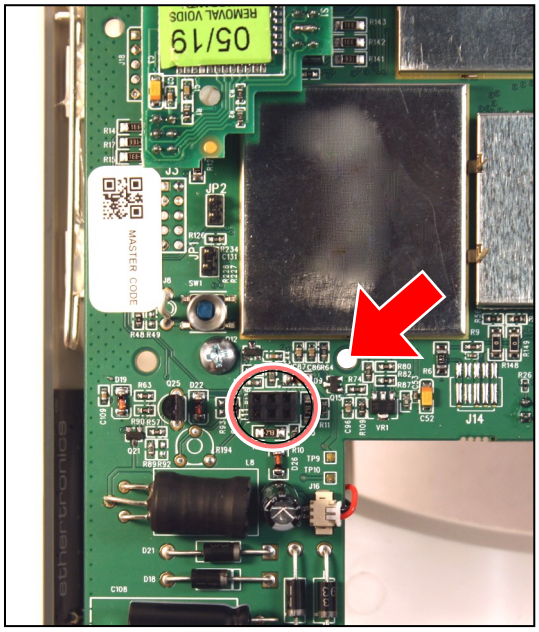


Fig. 2: "Header Socket" (circled)

3. Carefully align the Standoff with its hole, and align the **Header Plug** with its **Header Socket** (Fig. 3).

   Firmly press the **ISEC-2WF-MOD** into the PC board.

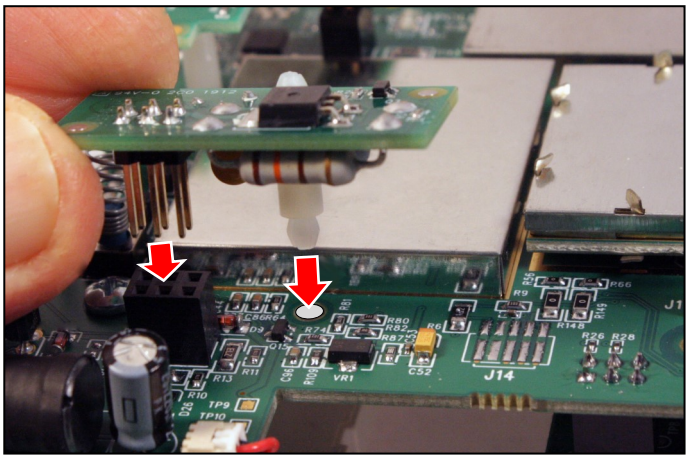


Fig. 3: Align and insert ISEC-2WF-MOD

PROGRAMMING

After the **ISEC-2WF-MOD** module is installed, program the Go-Anywhere Hub using the iSecure Cloud Web Portal:

1. Log into the iSecure Cloud Web Portal at www.iSecureByNapco.com as a Dealer (click **Dealer Login**).
2. Click **Sensor Configuration**.
3. In zone 7 or in zone 8, in the **Sensor Type** column, select **Wired Fire**.

14. Install the ISEC-WIFI

The **ISEC-WIFI** allows your Napco iSecure Go-Anywhere Hub to connect to the Internet by means of a wireless (Wi-Fi) link, eliminating a wired Ethernet cable connection. **Note:** The **ISEC-WIFI** requires 46mA (standby current); refer to the "**STANDBY - BATTERY CALCULATION WORKSHEET**" in this manual to verify that sufficient power is available.

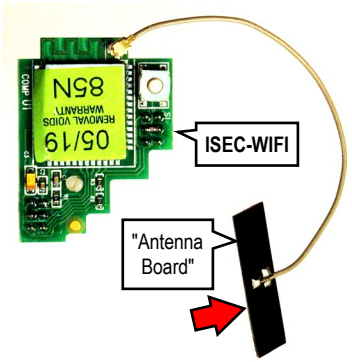


Fig. 1: ISEC-WIFI and Antenna Board (with adhesive). Arrow points to top edge.

Prior to opening the **ISEC-WIFI** PC board package or touching anything inside the iSecure Go-Anywhere Smart Hub enclosure, discharge any static electricity from your body or clothing. Use a grounded wrist strap or touch an unpainted, grounded metal object.

INSTALLATION STEPS

The **Antenna Board** (see Fig. 1) has "peel and stick" adhesive that secures it to the inside of the Go-Anywhere Hub front housing, **with its top edge facing up**). Keep the wire away from the "Top Antenna" at the top of the Hub.

1. **Remove AC power from the Go-Anywhere Smart Hub** by unplugging the AC transformer.
2. **Separate the Go-Anywhere Hub housing**. With a flat head screwdriver, push in the two tabs at the bottom to unhook, then carefully separate the two parts of the Hub housing (separating the housing disconnects the battery).
3. **Remove the six (6) screws** that secure the Go-Anywhere Hub motherboard PCB to the front housing. See the arrows in Fig. 2 for screw locations.
4. **The Antenna Board has "peel and stick" adhesive**. Peel off the protective paper without touching the adhesive.
5. **Carefully lift the motherboard** only until you have enough clearance for the following:
   - ***With the top edge of the Antenna Board facing up***, secure the antenna adhesive to the interior plastic, as shown in Fig. 3.

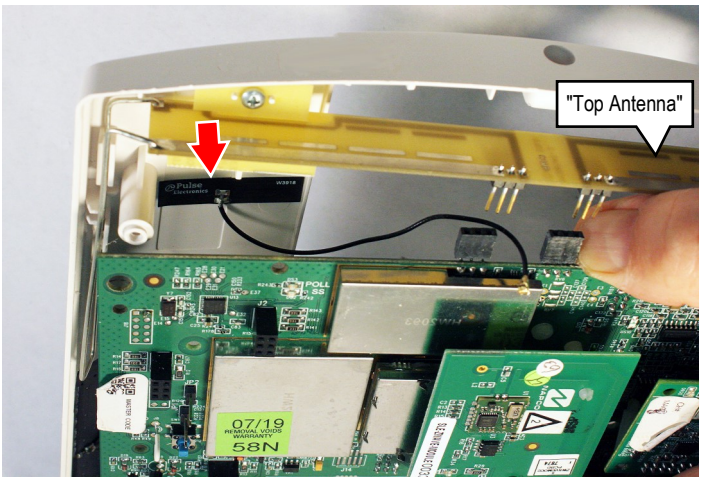


Fig. 2: Arrows show six (6) screws securing the motherboard. The Top Antenna, is also shown

Fig. 3: Carefully lift the motherboard. Note the location of the Antenna Board's "top edge" (arrow) .

Be careful not to lift the motherboard too far, ensuring all connections remain secure.

Note: Be aware the Top Antenna may become disconnected; its connectors can easily be re-inserted after the next step.

6. **Lower the motherboard**, re-aligning all mounting holes. *Gently pull the Antenna Board plug and wire toward the **front** of the motherboard* (this will assist with its connection to the **ISEC-WIFI** module in a future step).

   If the Top Antenna disconnects from the motherboard, be sure to carefully re-insert the connections.
7. **Replace the six (6) screws** that secure the Go-Anywhere Hub motherboard PCB to the front housing. See the arrows in Fig. 2 for screw locations.
8. **With the ISEC-WIFI PC board in hand**, connect the small **Antenna Board** plug to the **ISEC-WIFI** module socket (see Fig. 4).

   The antenna wire should freely rotate while remaining connected. **Important:** Handle this wire with care; do not twist, create sharp bends or apply excessive force.

14. Install the ISEC-WIFI (cont'd)

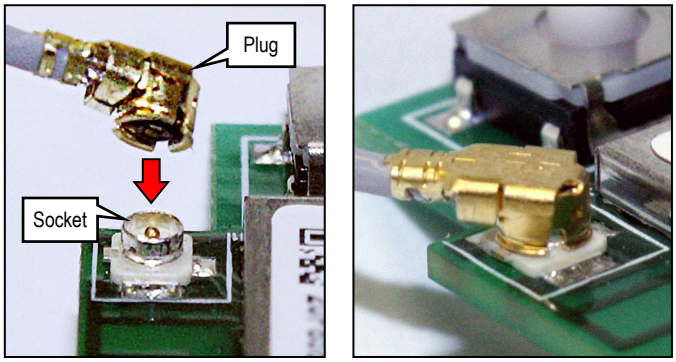


Fig. 4: Antenna Wire Plug and Socket

In addition, keep the wire away from the "Top Antenna" that runs along the top edge of the motherboard, as shown in Fig. 2.

9. Insert the plastic **Standoff** into the bottom of the **ISEC-WIFI** (see Fig. 5).

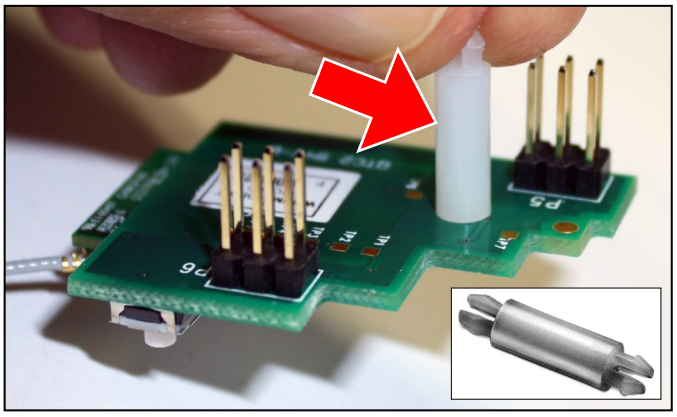


Fig. 5: Standoff (arrow)

10. Use Fig. 6 to locate the two **Header Sockets** located near the top left side of the Hub PCB (circled). Also locate the **Standoff hole** (arrow).

11. With the small Antenna Wire Plug located at the top of the **ISEC-WIFI** PC board, carefully align the Standoff with its hole, and align the two **Header Plugs** with their **Header Sockets** (Fig. 6). Firmly press the **ISEC-WIFI** into the PC board.

12. Re-assemble the Go-Anywhere Smart Hub enclosure as directed in "**Install the Go-Anywhere Hub**" on page 10.

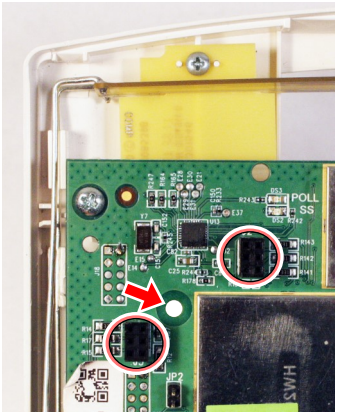


Fig. 6: "Header Sockets" (circled)

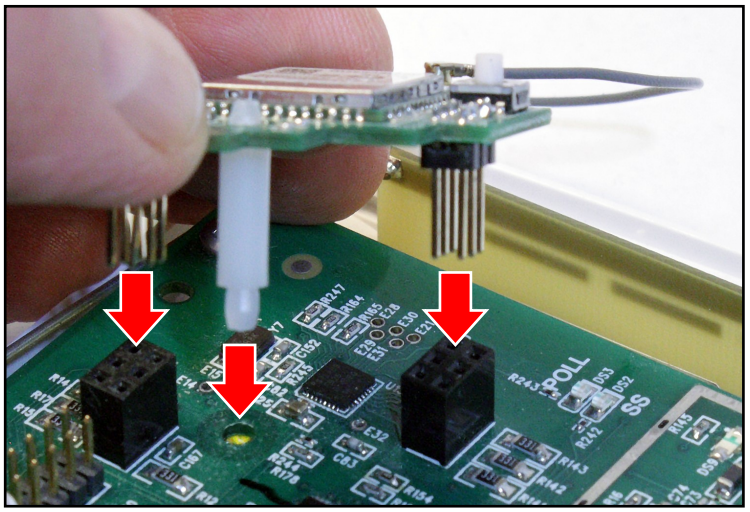


Fig. 7: Align and insert ISEC-WIFI (PC Board)

PROGRAMMING

After the **ISEC-WIFI** module is installed, program the Go-Anywhere Hub using the iSecure Cloud Web Portal:

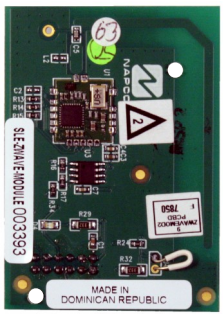
1. Log into the iSecure Cloud Web Portal at www.iSecureByNapco.com as a Dealer (click **Dealer Login**).
2. Enter the **Radio Serial Number** and click **Submit**.
3. Before Wi-Fi networks can be searched, click **Central Station Reporting** and perform the following:
   - At the top of the screen, click to select the **Central Station Reporting** radio button.
   - In the **COMMUNICATION TECHNOLOGY** pull-down, select **IP with Cell Radio Backup** or **IP Only**, depending on your installation.
   - Check **Enable IP Supervision**, if desired.
   - In **Configuration Type**, select **Ethernet Preferred with WiFi Backup (non-UL)**.
   - In **IP Configuration Type**, select **DHCP**.
   - Click **Save** to download your changes and restart the system.
   - In **Dealer Entered Programming**, click **Search WiFi Networks** (a popup will appear warning that scanning may take up to 3 minutes). Click **Yes** to continue.
   - In the **Wi-Fi Networks** pull-down, find and select the SSID name of the customer's network. Upon selection, the **Security Type** and **Selected Network** fields will automatically populate.
   - Type the **Password** of the customer's Wi-Fi network and click **Save**. **Note:** The **Wi-Fi Module Version** will not appear until connected.

ELECTRICAL RATINGS

Primary Operating Supply: 3.3VDC from Go-Anywhere Smart Hub motherboard. 46mA standby current draw.

15. Install the ISEC-ZWAVE

The **ISEC-ZWAVE** allows you to control your Z-Wave devices through your NAPCO iSecure system. **Note:** This and all other iSecure documents are available for download at our Technical Library: tech.napcosecurity.com.
The **ISEC-ZWAVE** requires 20mA; refer to the "**STANDBY - BATTERY CALCULATION WORKSHEET**" on page 72 to verify that sufficient power is available.



ISEC-ZWAVE

Prior to opening the **ISEC-ZWAVE** PC board package or touching anything inside the radio enclosure, discharge any static electricity from your body or clothing. Use a grounded wrist strap or touch an unpainted, grounded metal object. Install as follows:

ISEC-ZWAVE Installation

If the Go-Anywhere Smart Hub enclosure is not already open, open the enclosure as directed on page 10, step 3. Remove all A/C and battery power and install the **ISEC-ZWAVE** into the iSecure Go-Anywhere Smart Hub main PCB as follows:

1. Insert the two plastic Standoffs (red arrows "**A**" and "**B**"). into the bottom of the **ISEC-ZWAVE** (Fig. 1).

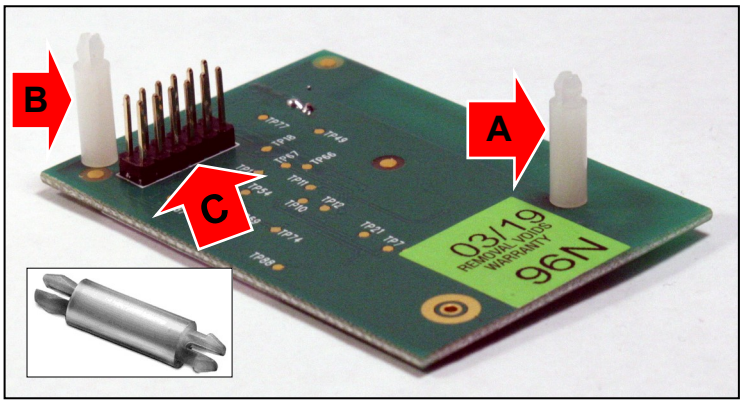


Fig. 1: Two Standoffs (red arrows "A" and "B") and Header Socket J1 (red arrow "C"). Standoff shown in bottom left image.

2. Re-verifying that the Go-Anywhere Smart Hub A/C and battery power are disconnected, use Fig. 2 to locate the two **Standoff Holes** located near the center of the Go-Anywhere Smart Hub PCB (red arrows "**A**" and "**B**") and locate the **Header Socket J1** (red arrow "**C**").

3. Carefully align the two **Standoffs** with their two holes, and align the **Header Plug** with its **Header Socket** (Fig. 3). Firmly press the **ISEC-ZWAVE** into the PC board.

4. Reconnect the Go-Anywhere Smart Hub A/C and battery power. Wait 2 minutes for all devices to fully power before proceeding.

For full programming information, see OI414.

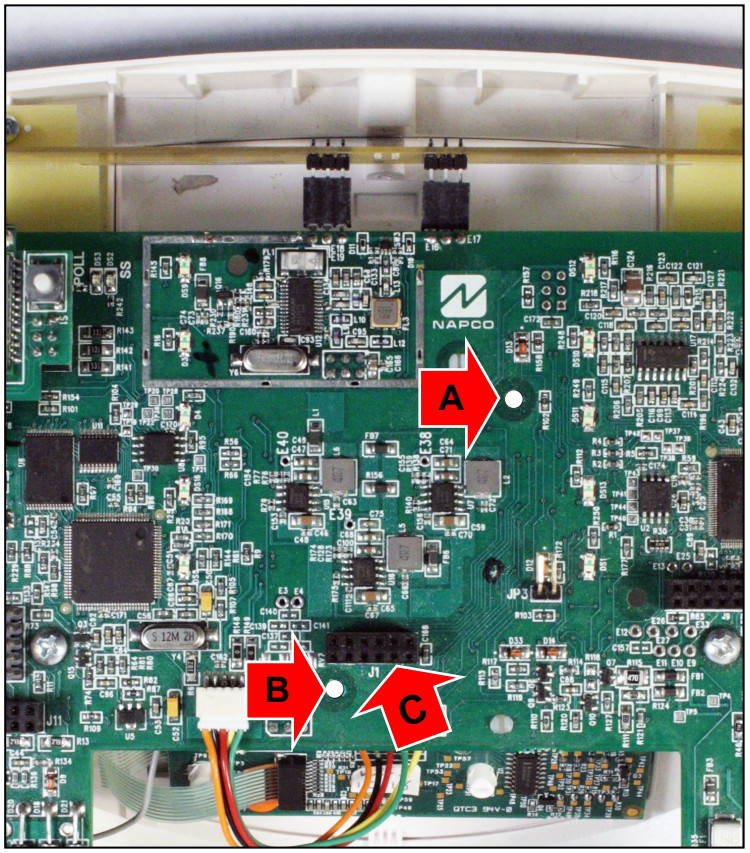


Fig. 2: Two standoff holes ("A" & "B") and "Header Socket J1" ("C").

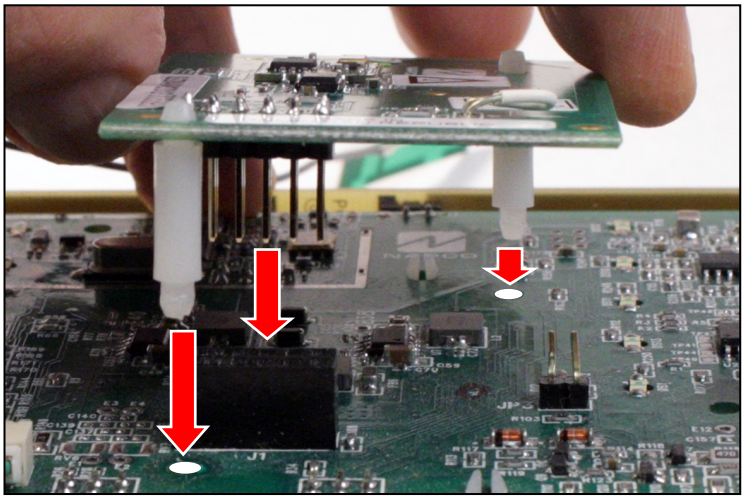


Fig. 3: Align and Insert the ISEC-ZWAVE.