



Helping the world sense to safety™

## **Zeptive Wireless & Wired Vape Detector Installation Training**

# Caution: Lithium-ion battery

- **Cautions for Lithium-ion battery:**

- Do not short circuit
- Do not dispose of in fire or water
- Do not strike, throw or trample the battery
- May explode if damaged or disposed of in fire
- Do not use battery in mixture
- Use the specified battery charger only
- Do not use the battery in places with high humidity  
may be exposed to water
- Do not modify or disassemble the battery
- During charging, do not place the battery on flammable materials
- Dispose of battery according to local regulations
- Lithium Ion battery require specific labeling for shipping.  
Please contact Zepive if you need to ship batteries.



# What's in the Box?:



- **Box Contents for one Zeptive Vape Detector:**
  - Zeptive Vape Detector
  - One mounting paper template
  - Four mounting screws
  - One locking screw
  - One Torx Screwdriver T10Hx80 (for battery door)
  - One tamper drill bit T15 (for installation)
  - Five plastic screw anchors
  - **Battery Model:**
    - Two li-ion rechargeable batteries (battery model)
    - AC/DC battery charger (battery model)
  - **Wire Guard (optional)**
    - Five Wire Guard mounting screws
    - Five Wire Guard plastic screw anchors
    - Five Wire Guard clips

Please call Zeptive Technical Support with any questions: **617 468 1500**.

# Operating Vape Detector vs. Stealth Vape Detector

Label on back of unit



Sensor Part Number

Label on back of unit



Sensor Serial Number

# Views of your Zeptive Vape Detector:

Front of the Unit



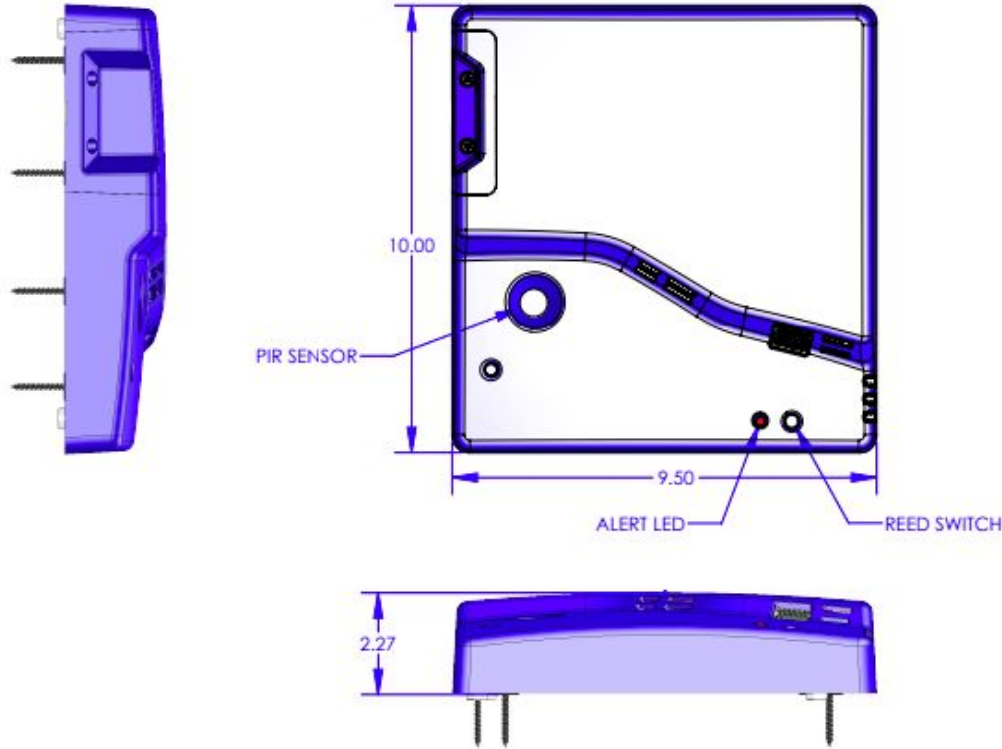
Back of the Unit



Battery Door View



# Dimensions & Weight:



- **Measurements:**

- Length: 10 in (25.4 cm)
- Width: 9.5 in (24.13 cm)
- Height: 2.27 in (13.4 cm)

- **Weight:**

- Vape Detector with Battery: 2.6 lb (1179.0 g)
- Vape Detector Wired: 1.5 lb (680.4 g)
- Wire Cage: 0.7 lb (317.5 g)

- **Color:**

- Color: White

# Installation Hardware for each Unit:

Quantity:

5x



Plastic Anchors  
(Installation Screws)

5x



Tamper Resistant Screw  
(Installation Screws)

1x



Torx Screwdriver  
T10Hx80  
(For the Battery  
Screws)

Quantity:

1x



Magnet (Enables  
Maintenance Mode of Unit)

1x



Tamper Drill Bit T15  
(For Installation Screws)

# Installation Hardware for the Optional Wire Guard:

Quantity:

5x



Plastic Anchors  
(Installation Screws)

5x



Tamper Resistant Screw  
(Installation Screws)

5x



Wire Guard Clips



Wire Guard



# Prior to the actual physical installation:

- ✓ Ensure you can connect to the WiFi or PoE first. Initially set up your units in an office that has good WiFi and ensure you can see your units fluctuate between the Ready (RDY) state and Standby (STBY) state in the app and/or Web Dashboard.
- ✓ Ensure the unit has been operating with battery plugged in for at least 24 hours **prior** to introducing vape to it. The sensors need to adjust after shipping.
- ✓ Prior to drilling any holes in your ceiling or walls, ensure your units can connect to the WiFi in the area you plan to install. You can test this by taking a unit that has already connected to your WiFi in a good WiFi area, grab a ladder and hold the device in the area where you want to install i.e. Wall or Ceiling. Ensure the unit can connect to the WiFi by viewing the app to see your unit respond to motion i.e. it's state changes from Standby (STBY) to Ready (RDY).
- ✓ Prior to physically installing the device, examine where the Motion Sensor is oriented. Ensure there is nothing blocking the Motion Sensor. Consider how people enter the room and orient the device so that the Motion Sensor gets triggered when someone enters the space.
- ✓ **Please call Zeptive Technical Support with any questions: 617 468 1500.**

# Prior to the actual physical installation:

- ✓ You want to be as close to the vape source as possible, but in a high enough and central location to maximize vape detection area while also minimizing risk of tamper by students
- ✓ Ideally place the unit on a 8 ft. ceiling and no higher than 9 ft; the higher you place the system the longer the diffusion will take for the vape; consider your room's natural air flow
- ✓ Just prior to physically installing your unit, remove the battery and keep the battery door off so you can easily see the screw holes.
- ✓ **Please call Zeptive Technical Support with any questions:  
617 468 1500.**

## Step 1. Open the battery door with Torx Screwdriver

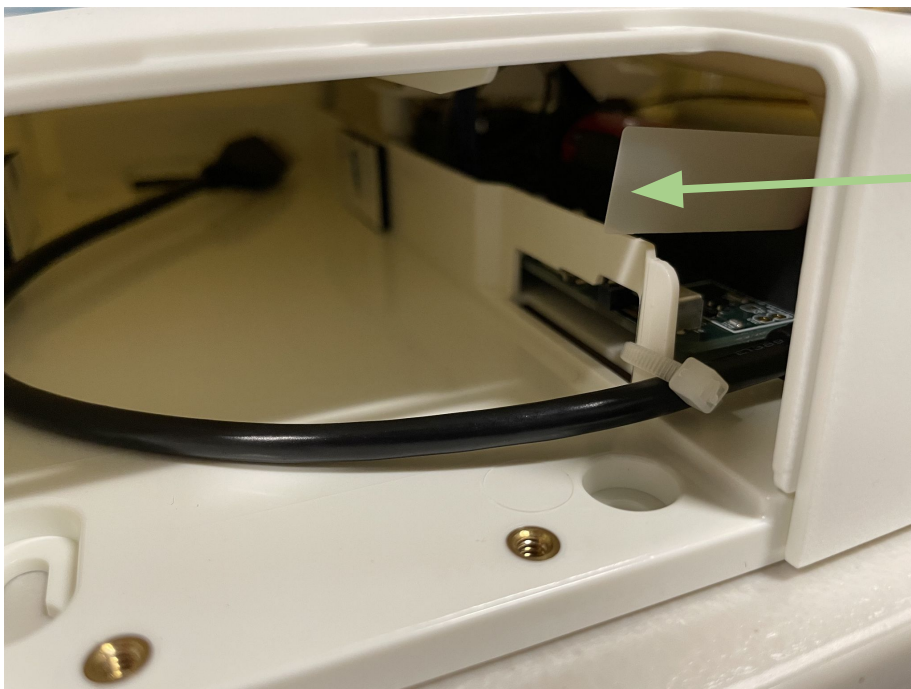


Loosen the two battery door screws and remove battery door. Keep battery door off for the installation procedure.



Torx Screwdriver  
T10Hx80  
(For the Battery  
Screws)

## Step 2. Removing the Internal Battery Tab:



Pull battery tab to start the internal battery

**Note:** You will need to do this regardless of whether you purchased a Battery or Wired Unit. There is a small internal battery on **all** units.

# Step 3. Connect USB Cable to Battery: (Wireless Installations Only)

- **Rechargeable Battery:**

- Connect the USB cable to the battery prior to inserting the battery into the detector
- Once plugged in, then insert the battery into the detector and coil the extra USB cable so it fits.
- Turn the switch of the battery (at position "-") to power on the battery
- Four green lights on the battery should appear if it is fully charged



## Step 4. Turning Unit On



Toggle the switch to the ON position by sliding the switch towards the battery door opening. This is a three position switch, make sure you toggle it past the middle location to the ON position. The ON position is closest to the battery door opening.

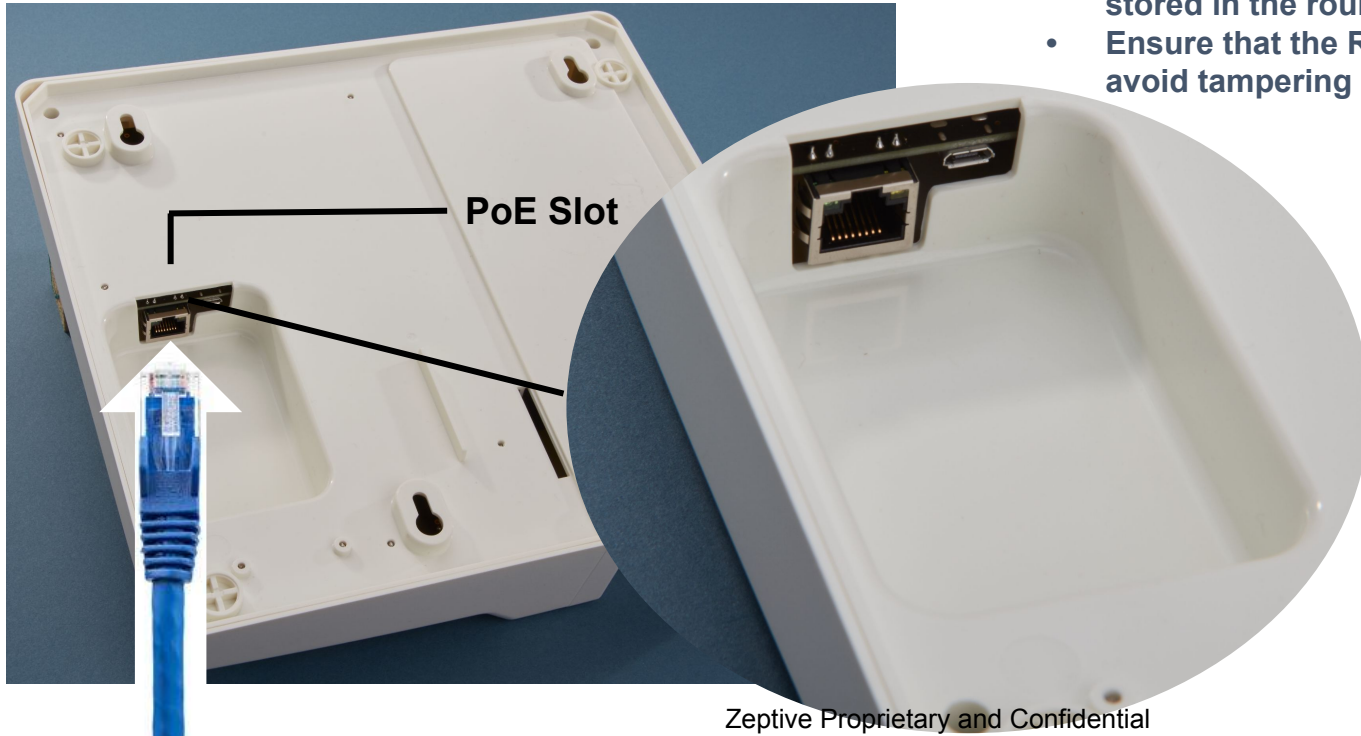
**Note:**  
O = OFF  
- = ON

(For Wired Installations ONLY)

## Step 5. Plug in PoE to Connect:

- **RJ45 Jack:**

- Connect the PoE cable to the device through the narrow slot on the backside of the detector
- Make sure to give slack to the cable, which can be stored in the rounded rectangular divot
- Ensure that the RJ45 Jack is hidden to the public to avoid tampering or damage



## Step 6. Activating Motion Sensor



Your unit has an integrated motion sensor so you know if there is activity near your Zeptive Vape Detector. Wave your hand in front of PIR to activate your unit. It will remain on for 2 mins.

**Please Note:** Putting your unit into “Maintenance Mode” - This will disable the audible tamper buzzer for 10 minutes.

Locate Magnet from Accessory Kit



Locate Silver Circle on Unit



Place Magnet on Silver Circle for 5 seconds





# Step 7. Testing Your PoE or WiFi Connection: Checking the Sensor is RDY (Using Website Dashboard)

Sensor status messages

**STBY (Standby)**

System is waiting to be activated

**RDY (Ready)**

System is on and sampling the air

The screenshot shows the Zeptive website dashboard. On the left is a sidebar with a search bar and a list of 38 devices. The main content area displays details for a device named '2nd Floor - Girls #2', which is 'Online'. Below the device name are tabs for 'Dashboard', 'Timeline', 'Device Info', 'Metadata', and 'Service'. A time filter bar shows 'Latest' selected. The main data area contains a 'Sensor Status' card with a toggle for 'Alarm' and a 'Cur...' indicator. Below this is a grid of sensor readings: Conc (31.5), Temp (76 °F), Battery Charge (3%), Signal Quality (45), and PM1 (12.4), PM4 (13.1). Three arrows point from labels at the bottom to the 'RDY Jul27 14:15 3%' text, the '76 °F' temperature, and the '3%' battery charge.

| Sensor Status |             | Sensor Status  |                | Sensor Status |  |
|---------------|-------------|----------------|----------------|---------------|--|
| RDY           | Jul27 14:15 | 3%             | PM1            | 12.4          |  |
| Conc          | Temp        | Battery Charge | Signal Quality | PM4           |  |
| 31.5          | 76 °F       | 3%             | 45             | 13.1          |  |

Sensor  
Status

Date & Time

Battery  
Charge

# Step 8. Testing Your PoE or WiFi Connection: Checking the Sensor is RDY (Using Zeptive App)

## Sensor status messages

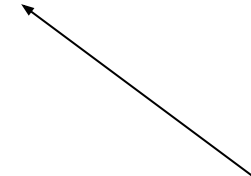
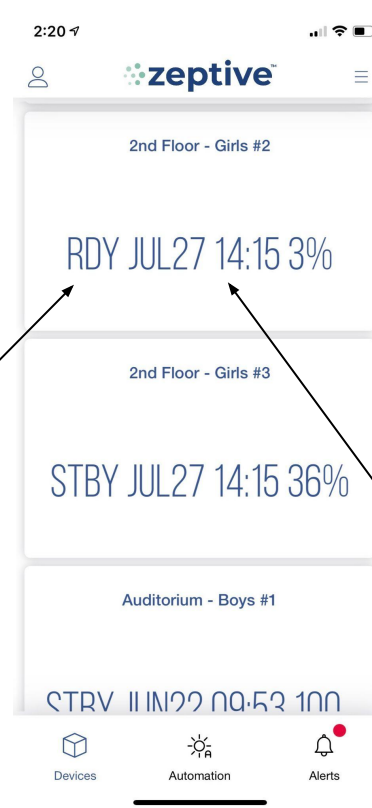
### STBY (Standby)

System is waiting to be activated

### RDY (Ready)

System is on and sampling the air

Sensor  
Status



Battery  
Charge

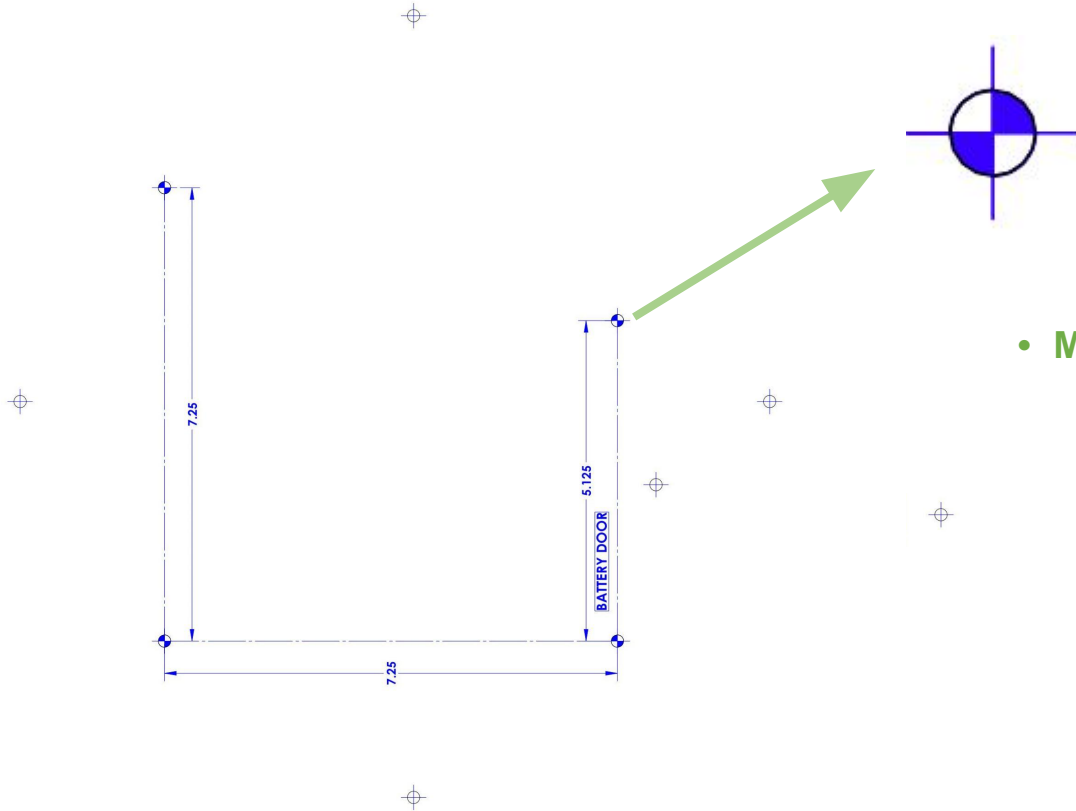


Date &  
Time

# Physical Installation Notes:

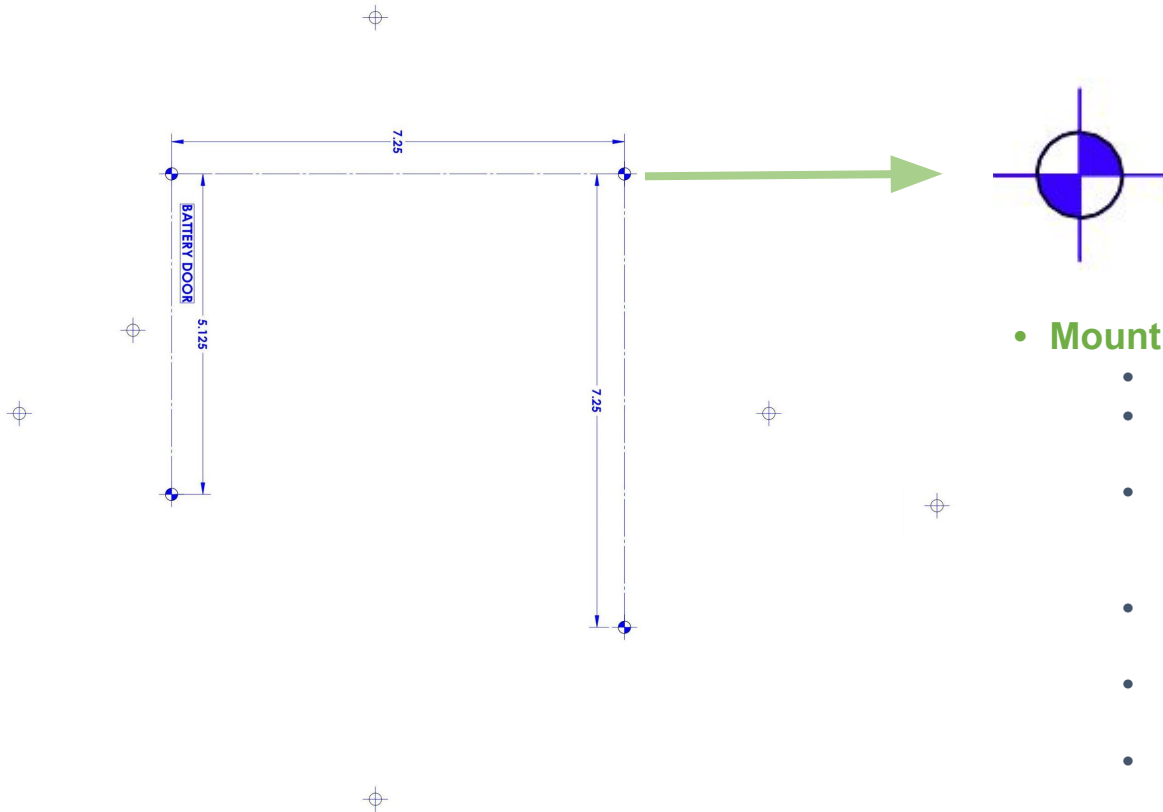
- ✓ Prior to physically installing your unit, ensure you can connect to WiFi or PoE first
- ✓ Prior to physically installing your unit, remove the battery and keep the battery door off so you can easily see the screw holes.

# Step 9. Mounting for Ceiling Template: Place On Ceiling and Drill Four Holes for Mounting Screws



- **Mounting Screw Holes:**
  - Look for blue & white circles
  - Template should include four of these mounting screw points
  - Make sure the template's battery door would be easily accessible (**Need 6" of space to remove battery**)
  - Drill in these four holes using the template
  - Don't remove the template yet

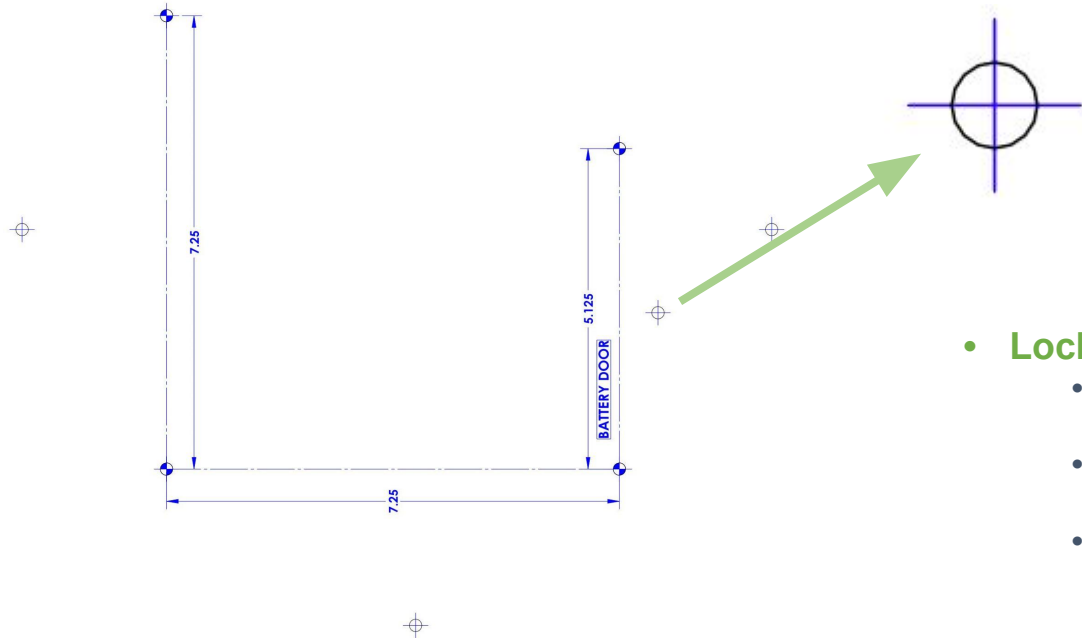
# Step 10. Mounting for Wall Template: Place On Wall and Drill Four Holes for Mounting Screws



## • Mounting Screw Holes:

- Look for blue & white circles
- Template should include four of these mounting screw points
- Make sure the template's battery door would be easily accessible (**Need 6" of space to remove battery**)
- For wall installation please note battery door orientation on the left
- Drill in these four holes using the template
- Don't remove the template yet

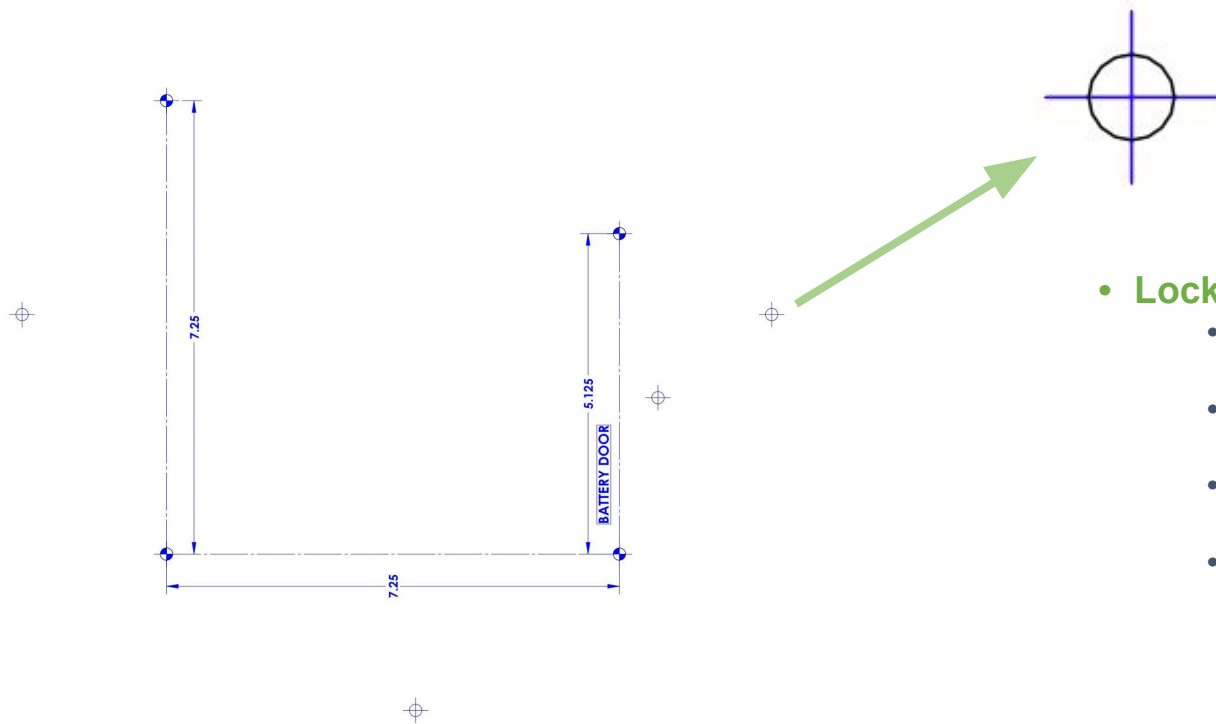
# Step 11. Mounting Template: Drill in Hole for Locking Screw



- **Locking Screw Hole:**

- Look for white circle directly next to battery door
- Drill in hole using the template as guidance
- If the detector includes a wire cage don't remove the template yet

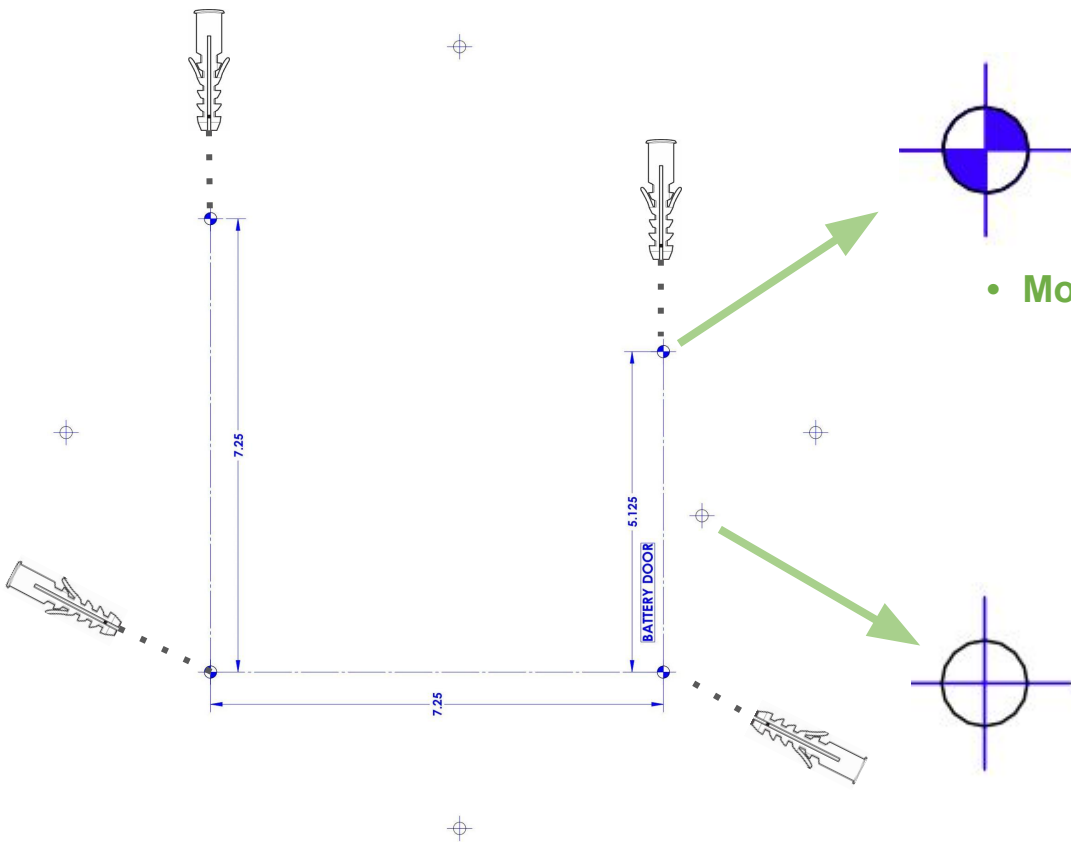
# Step 12. Mounting Template: Drill Four Holes for Wire Cage Mounting Screws (Skip If No Wire Cage)



## • Locking Screw Hole:

- Look for white circles surrounding the detector
- Template should include four wire cage mounting points
- Drill in these four holes using the template
- Finally remove the template from the wall or ceiling

# Step 13. Secure Wall Anchors: Hammer the Anchors into the Wall for the Mounting and Locking Screws



- **Mounting Screw Holes:**

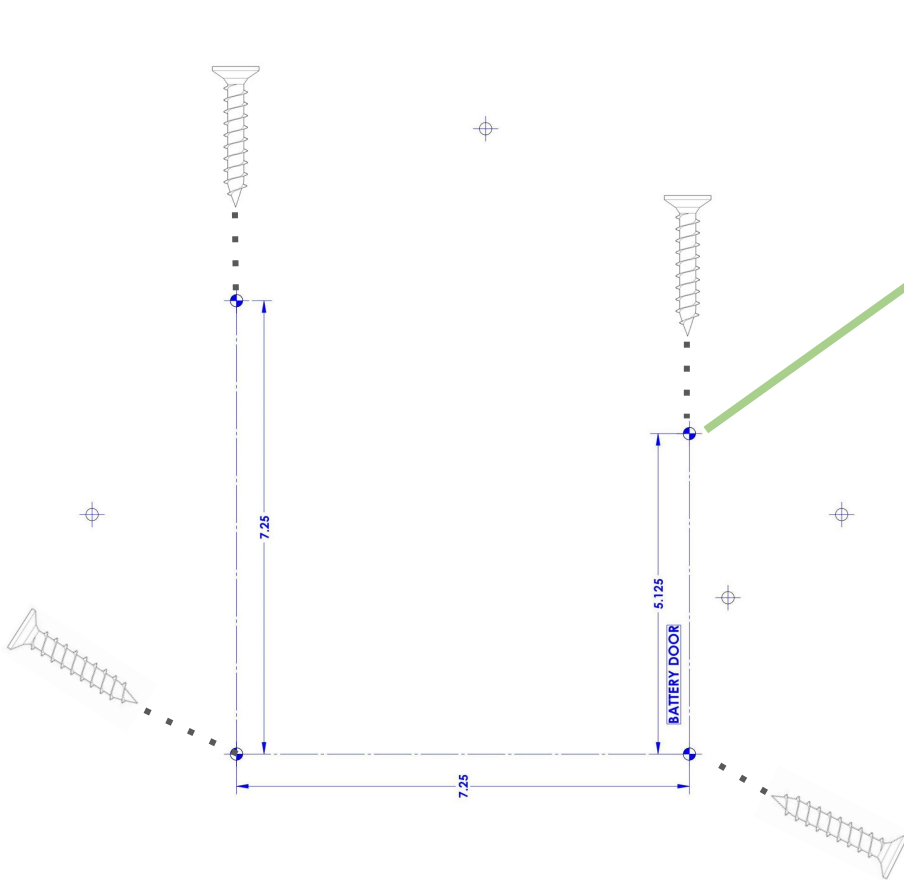
- These should be placed where the blue & white circles were on the template
- Hammer the four anchors into their respective mounting holes
- The anchors will be used to secure the mounting screws when they are tightened

- **Locking Screw Hole:**

- The white circle (on the template) close to battery door
- One anchor hammered into this hole to house the locking screw



# Step 14. Install Four Mounting Screws:



- **Mounting Screw Holes:**

- These four holes should now be housing an anchor
- **Tighten these four screws 0.5cm into their respective points**
- Use the provided screwdriver or drill bit in order to install these four screws
- Make sure they are all sticking 1cm out of the wall or ceiling (as seen above)
- Do not screw in any other screws into the wall or ceiling yet...



# Step 15. Mounting the Detector: Using the Keyhole slots to Slide it into Place



- **Mounting Screw Keyhole Slots:**

- Find the four keyhole slots
- Their placement should match your installed mounting screws
- Place the detector so that the mounting screws are inserted into the large circular part of the keyhole slots
- Slide the detector so that the mounting screws are slid into the narrower end of the keyhole slot

# Step 16. Securing the Detector: Using the Locking Screw to Fasten Detector into Place



- **Locking Screw Slot:**

- Find the slot at the detector battery door
- Drill the locking screw through the slot directly into the wall
- Use the provided screwdriver or drill bit in order to install this screw
- Make sure the screw is completely flush with the slot and secured in the anchor
- Check to make sure the detector is entirely stabilized

## Step 17. Connect USB Cable to Battery: (Wireless Installations Only)

Your detector should now look like this. Push your battery into the battery compartment and attach battery door.



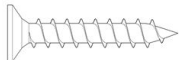
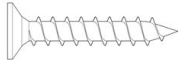
# Step 18. Installing the Battery Door: Securing the Battery in Place

- **Battery Door Installation:**

- Place the battery door so that the screw holes in the door, line up with the holes on the detector
- Using the provided screwdriver, tighten the battery door screws into the detector
- Check for stability



Torx Screwdriver  
T10Hx80  
(For the Battery  
Screws)



Battery Door



# Step 19. Charging the Batteries: (Plugging the Battery into a Power Source) (Wireless Installations Only)

- **Charging:**

- Please be sure to also turn on the switch of the battery (at position "-") for charging
- Typical charging time (6 - 7 hours)
- Four green lights on the battery indicates that it should be fully charged
- The LED indicator of the AC/DC charger will change from Red to Green if the battery is fully charged.

