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› BW Technologies Honeywell BW Icon Multi-Gas Detector User Manual

BW Technologies ICON-Y-H

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INTRODUCTION

The Honeywell BW Icon is a fixed-life, 2-year, 4-gas detector designed to monitor common gas hazards. This device offers two years of protection without the need for sensor or battery replacement, providing a straightforward and cost-effective solution for personal safety monitoring.

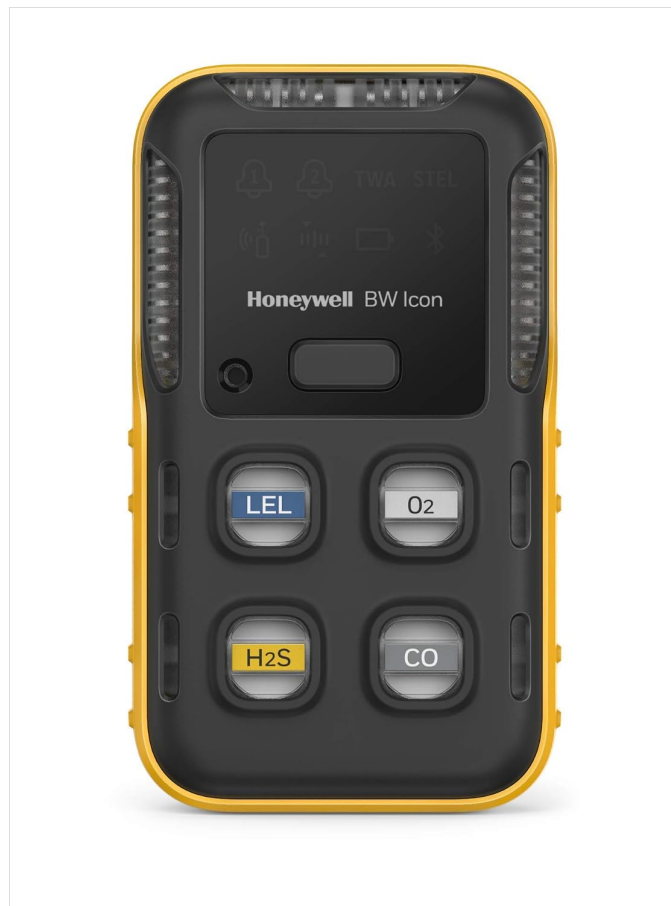


Image: Front view of the Honeywell BW Icon multi-gas detector, featuring a yellow and black casing with a digital display and four gas sensor buttons (LEL, O2, H2S, CO).

WHAT'S IN THE BOX

Upon unboxing your Honeywell BW Icon, verify that all the following items are present:

- Honeywell BW Icon Gas Detector
- USB Charger
- Calibration Cap
- Quick Reference Guide
- Tubing
- Klick Fast Stud



Image: An infographic detailing the Honeywell BW Icon's user interface elements (Alarm One, Alarm Two, TWA, STEL, Bump, Calibration, Battery status, Bluetooth) and a list of included accessories.

PRODUCT OVERVIEW

Familiarize yourself with the components of your BW Icon gas detector:

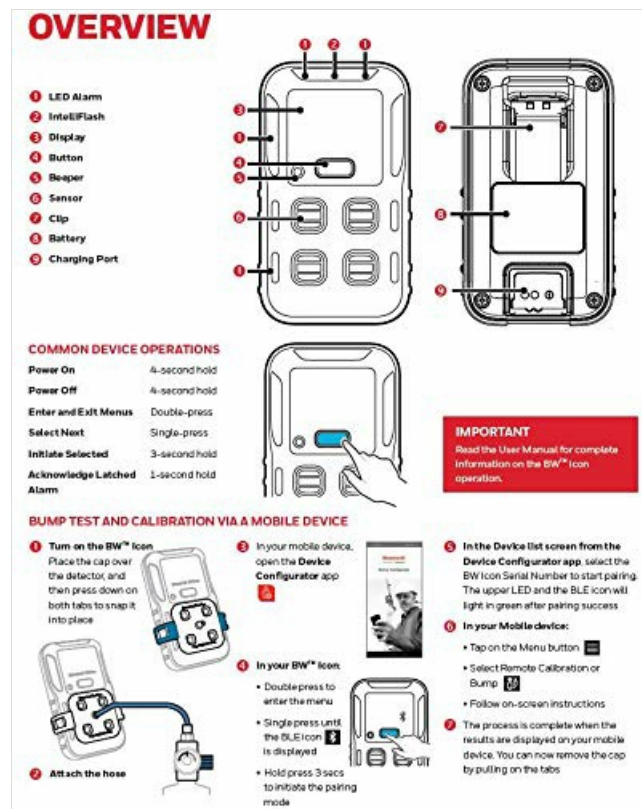


Image: A detailed diagram labeling the LED Alarm, IntelliFlash, Display, Button, Beeper, Sensor, Clip, Battery, and Charging Port of the BW Icon. It also illustrates common device operations and the bump test/calibration process.

1. **LED Alarm:** Visual indicator for alarms.
2. **IntelliFlash:** Provides continuous visual confirmation of detector operation and compliance.
3. **Display:** Shows gas readings, battery status, and other information.
4. **Button:** Primary control for device operations.
5. **Beeper:** Audible alarm indicator.
6. **Sensor:** Detects specific gases (LEL, O₂, H₂S, CO).
7. **Clip:** For attaching the device to clothing or gear.
8. **Battery:** Internal, non-replaceable battery with a 2-year life.
9. **Charging Port:** For initial charging and data transfer.

SETUP

Initial Charging

Before first use, ensure the device is fully charged using the provided USB charger. Connect the charger to the charging port (9) on the device and a power source. The battery status will be indicated on the display.

Bluetooth Pairing (Optional)

The BW Icon includes Bluetooth for ease of downloading and sending reports via the Safety Suite App. To pair with a mobile device:

1. Turn on the BW Icon.
2. Double-press the button to enter the menu.
3. Single-press until the Bluetooth icon is displayed.
4. Hold the button for 3 seconds to initiate pairing mode.

5. On your mobile device, open the Device Configurator app and select the BW Icon from the device list.
-

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Hold the button for 4 seconds.
- **Power Off:** Hold the button for 4 seconds.

Common Device Operations

- **Enter and Exit Menu:** Double-press the button.
- **Select Next:** Single-press the button.
- **Initiate Selected:** Hold the button for 3 seconds.
- **Acknowledge Latched Alarm:** Hold the button for 1 second.

Bump Test and Calibration

Regular bump tests and calibrations are crucial for ensuring the accuracy and reliability of your gas detector. Refer to the diagram in the Product Overview section for visual guidance.

1. Turn on the BW Icon.
2. Attach the calibration cap and tubing to the device.
3. In your mobile device, open the Device Configurator app.
4. In your BW Icon, double-press to enter the menu, then single-press until the Bluetooth icon is displayed. Hold for 3 seconds to enter pairing mode.
5. In the Device list screen from the Device Configurator app, select the BW Icon.
6. On your mobile device, select 'Remote Calibration' or 'Bump' and follow on-screen instructions.
7. Once complete, remove the cap.

Understanding Alarms

The device provides visual and audible alarms to indicate hazardous gas levels or operational status. Refer to the infographic in the 'What's in the Box' section for details on alarm indicators.

- **Alarm One:** Indicates when the first alarm threshold is breached.
- **Alarm Two:** Indicates when the second alarm threshold is breached. Alarm Two will override any Alarm One status.
- **TWA (Time Weighted Average):** Settable in Safety Suite DC for each toxic sensor.
- **STEL (Short Term Exposure Limit):** Settable in Safety Suite DC for each toxic sensor.
- **Bump:** Indicates when a bump test is due.
- **Calibration:** Indicates when calibration is due.

MAINTENANCE

The Honeywell BW Icon is designed for minimal maintenance over its 2-year lifespan.

- **Battery Life:** The device features a 2-month battery life (based on 8 hours per day at room temperature with NDIR CH4 sensor). No daily charging is required under typical usage.
- **No Service Required:** The device is designed to be activated and used for two years without requiring sensor or

battery replacement.

- **Cleaning:** Periodically wipe the device with a damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

If you encounter issues with your BW Icon, consider the following:

- **Persistent Alarms:** If the device alarms continuously without apparent gas presence, perform a bump test or calibration. Ensure the sensor area is clear of obstructions.
- **Device Not Responding:** Ensure the device is charged. Attempt a power cycle (turn off and on).
- **Bluetooth Connection Issues:** Ensure the device is in pairing mode and within range of your mobile device. Verify the Safety Suite App is updated.
- **Inaccurate Readings:** Perform a fresh air calibration followed by a bump test. If issues persist, the device may require professional assessment.

SPECIFICATIONS

Feature	Detail
Model Number	ICON-Y-H
Brand	BW Technologies
Manufacturer	Honeywell
Sensor Type	Electrochemical
Detected Gases	LEL (IR), O2, H2S, CO
Alarm Type	Visual, Audible
Power Source	Battery Powered (1 Lithium Ion battery included)
Battery Life	2 months (8 hours/day with NDIR CH4 sensor)
Dimensions	6.06 x 4.92 x 3.31 inches
Weight	13.44 ounces
Color	Yellow, Black

WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Honeywell BW Technologies website. Keep your purchase receipt for warranty claims.

The device is designed for a 2-year fixed life, during which no sensor or battery replacement is typically required. For any

operational issues not covered in this manual, contact authorized service personnel.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question