

WIRELESS SMOKE DETECTOR

MODEL FDC-100



INSTRUCTIONS

Please read this instruction manual carefully before installation to use and maintain the product properly.

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INSTALLATION AND MAINTENANCE INSTRUCTIONS

BOX CONTAINS

1. Wireless Smoke Detector..... 1 No.
2. Mounting Screws..... 2 Nos.
3. Screw Plugs..... 2 Nos.
4. User Manual..... 1 No.
5. Template for Screw Mounting 1 No.

PRODUCT OVERVIEW/DESCRIPTION

This battery-operated smoke detector is a smart plug-and-play product with photoelectric sensing technology, that detects smoke at an early stage. If the smoke concentration level reaches the alarm threshold in the detector smoke chamber, it sets-off an alarm by flashing the LED. The inbuilt buzzer gets activated, providing an audio and visual indication to all the occupants. The detector raises a local alarm and it quickly uses the unified IMPACT Honeywell mobile app to send you incoming call alerts on your mobile in case of smoke, wherever you are. Now, keep your premises safe from fire hazards with real time proactive alerts from the wireless smoke detector.

APPLICABLE PLACES

Suitable for residential areas, shopping malls, warehouses, restaurants, parking lots, libraries, schools and hospitals.

PRODUCT FEATURES

SR. NO.	CONDITION	TEST PROCEDURE- IF APPLICABLE	BUTTON PRESS	RED LED	GREEN LED	BUZZER	APP NOTIFICATION
1.	Test Alarm-Self Test	Press the test button once and wait for 3 seconds	1 press	ON	OFF	ON	Get a TESTED Notification
2.	Wi-Fi - Provisioning	Press the test button 3 times to activate the WiFi hotspot of the device	3 press	RED LED blinks every 3 seconds	OFF	Beep for 1 sec on successful configuration	Device name & location is updated
3.	Smoke Detection / Fire	-	-	Blink every 1 second	OFF	ON till smoke is present in the device	Notification of alert (app notification and direct call on mobile)
4.	Heartbeat indication	Every 20 mins to check the device status	-	OFF	Blink once every 20 minutes	OFF	No app notification
5.	Battery Low	In case of low battery	-	Blink every 15 seconds	OFF	OFF	LOW BATTERY
6.	Device Offline (Device is not connected to internet)	-	-	-	-	-	Device Offline alert on APP

Note:

1. To get a notification on both mobile and the device, you must have an active internet connection along with an active subscription.
2. Do not use an open flame to test the alarm. You could damage the alarm or ignite combustible materials and start a fire.

TECHNICAL/ ELECTRICAL SPECIFICATION

FEATURE	SPECIFICATION
Size	102mm×44mm
Weight	96g
Temperature Range	0°C to 49°C
Humidity Range	5% to 85% relative humidity (RH), non-condensing
Working Voltage	3.0 VDC
Battery	4 x AA batteries Recommended Brands: Energizer, Duracell, Panasonic, BP
Battery Service Life	1 year under normal operating conditions (The life may reduce depending on the operating condition)
Audio Alarm	≥ 75dB(A) at 3mtr
Network Function	2.4GHz Single Band Wi-Fi
Indication Type	LED (Red & Green) and Buzzer
Max. Standby Current	12μA
Max. Alarm Current	150mA
Certification	WPC, CE

PRE-INSTALLATION

1. Insert four AA batteries into the battery compartment.
 - The battery polarity needs to be installed correctly
2. You will see a RED LED blinking 5 times on the device
 - **Make sure all the four batteries are new. Do not mix a combination of old and new batteries**
 - Do not use rechargeable batteries

APP SETUP AND CONFIGURATION

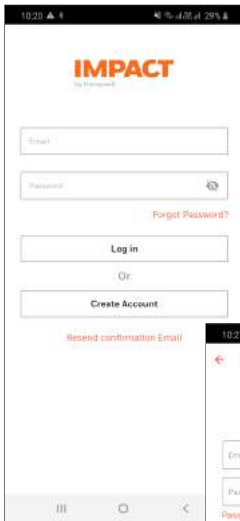


Image 1

1. Download the IMPACT by Honeywell app from the Play store or the app store.
2. Open the app and tap on Create Account
3. Fill the required details, tick mark the checkbox of agree to T&C and Legal. Tap on Create Account, as shown below in image-2 below.

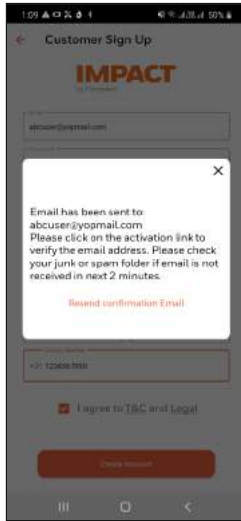


Image 3

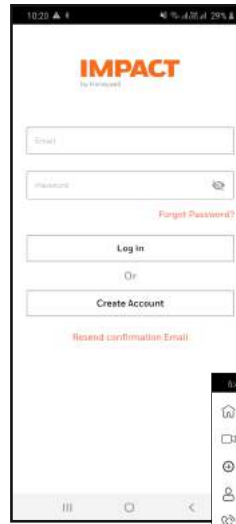


Image 4

5. After confirming the email, open the app. Enter your Email and Password and tap on the Log in button, as shown in image-4.

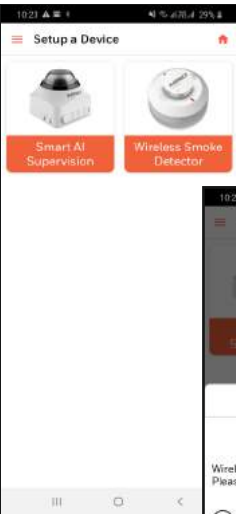


Image 6

Press the Test button on the Wireless Smoke Detector 3 times to set-up configuration mode. The RED LED on the Smoke Detector will start blinking every 3 seconds in configuration mode.

Note : The device will enable the configuration mode for 4 min at max. Make sure to complete the installation process within 4 minutes of time.

7. Tap on the Wireless Smoke Detector, as shown in image-6.



Image 7

8. Once you tap on the Wireless Smoke Detector, it will display an instruction popup, please read the instruction and tap on the I'm ready button, as shown in image-7 above.

9. You will be redirected to Setup a Device screen. The device name will automatically appear if the device is in active configuration mode, as shown in the image-8 below. In case WSD.Honeywell does not appear on the screen, on the refresh button, or try switching off the device and switching it on again. Follow the same process with your mobile Wi-Fi as well.

10. The available Wi-Fi network name will be shown in the Choose Wi-Fi selection area. Select the desired network to connect the device to the internet. In case available Wi-Fi network doesn't show-up, tap on the refresh icon. Enter the Wi-Fi password in the Wi-Fi Password section. Select location from the drop down menu (1st time users need to click on Add Location to add a location name Lobby, Reception, etc). Enter the device name, as shown in the image-8 below.

11. Tap on the Connect button to continue the setup, as shown in image-8.

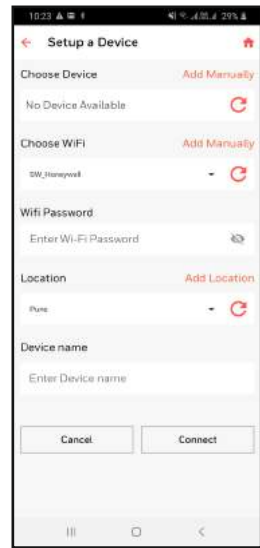


Image 8

- On tapping the Connect button, it will start the device configuration process, as shown in image-9 below.
- Once the device configuration process is completed successfully, it will display a screen, as shown in image-10 below. You will also hear a beep sound from the device. (sometimes it redirects to the WiFi setting if the WiFi does not detect it. Tap on the Setting button to continue)



Image 9

- Tap on the Go To Home button. It will redirect you to the IMPACT app home screen. You will be able to see the added device, as shown in image-10 below.



Image 10

- Tap on the newly added device and further tap on Buy New Subscription, as shown in image-12.

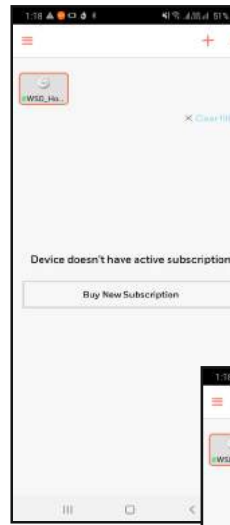


Image 11



Image 12

- The red dot shows that the device is offline. Wait for up to 3 minutes to get the device online. When the device comes online, the red dot will turn green, as shown in Image-11.

- You will be redirected to the subscription page. Select the subscription as per your requirement from the available options and click on the purchase button, as shown in image-13 below.

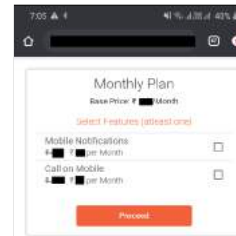


Image 13



Image 14

- The order summary will appear on the screen, as shown in image-14.

- Fill in the payment details, check on the terms and condition checkbox and tap the Purchase button.
- Once the purchase is complete, the 'Go back to the app' button will show up on the screen, as shown in the image-15 below. Tap on it.

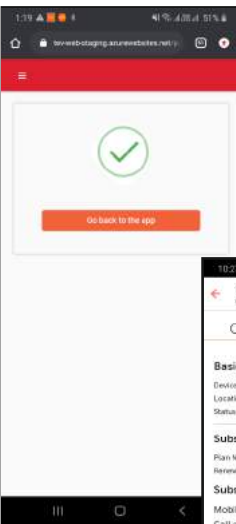


Image 15

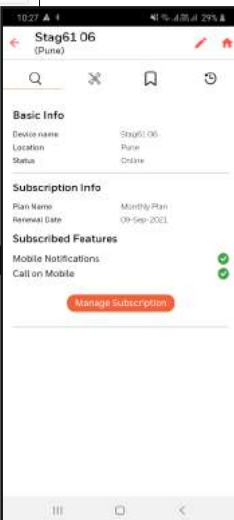


Image 16

- You can also see the subscription details of your device by clicking on Menu > Device, as shown in the image-16 below.

INSTALLATION POSITION

- For indoor use only
- The device should be kept at a horizontal distance of at least 0.5 meters away from lighting equipment
- The device should be kept at a horizontal distance of at least 0.5 meters away from the wall and the edge of a beam
- The device should be kept at a horizontal distance of at least 1.5 meters away from the ventilation fan, air conditioner, or vent
- Do not install it in the bathroom, or a place where it gets water splashed on it or water droplets that fall on it easily
- Do not install it in the kitchen or a place where it is prone to produce nonfire smoke or steam

INSTALLATION OF DEVICE

- Test the device before installing it. To test the device, please press the test button once. Wait for 3 seconds to confirm that the red LED Flashes quickly and the buzzer sounds. It should generate an alert on your mobile if the device is online.
- Make two holes with help of the template received with device.
- Install the expansion plugs into the holes on the ceiling.
- Insert the screw in the ceiling by leaving a gap of 3mm and mount the device on it. Rotate clockwise for mounting and anti-clockwise for removing the device as shown in Fig-1.

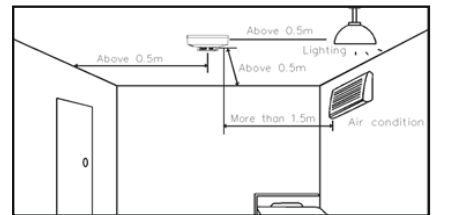


Fig-1 Where to install the smoke detector

MAINTENANCE

When the battery is low, it should be replaced as follows:

- Turn the device anti-clockwise to remove it from the base
- Remove the used batteries
- Install the new batteries properly according to the installation instructions

Note:

- After the replacement of new batteries, it will take 5 minutes to reset - to recover to a normal state. After the recovery, there should be no low-battery alarm or indication.
- The end-life product or scrapped parts and replaced parts from the product should be disposed by following the national or local disposal method for waste electronic products. Please do not discard.

You can view/update account related info from Menu > Account, as shown in the image-18 below.

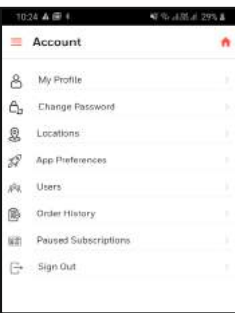


Image 18

EDIT DEVICE

To update / change the Wi-Fi setting of the device:

- Press the test button 3 time to enable the configurations mode of the device.
- In the APP, go to device > Edit Device and select the device which you want to edit, Select the Wi-Fi (SSID), Add Wi-Fi password and click on update, as shown in image-19 below.
- Please wait till you receive the confirmation, as shown in Image-20



Image 19

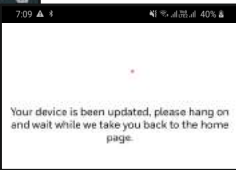


Image 20

DELETE DEVICE FUNCTION

In case you want to delete any device, you need to delete it from the APP and Factory Reset the device.

- To Factory Reset the device, press the test button 5 times and wait till you hear the beep sound 3 times. The beep sound (3 times) indicates that the device is reset to factory default.
- To delete from APP, Go to Menu > Device > Device Setting> Tap on delete device. It will appear below the screen, Click on YES to delete the device .

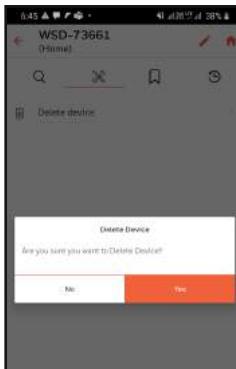


Image 21

SMOKE ALARM LIMITATIONS

- This manual describes the method of use and technical parameters of the products as detailed as possible. The company reserves the right for amendment of the manual.
- If the smoke concentration does not reach the threshold, the smoke alarm will not detect the fire. In order for the alarm to sense the smoke, install the device according to the instructions. If the smoke comes from the chimney, walls, corners of the roof, other rooms or other floors, the smoke alarm will not reach the alarm concentration quick enough to sound an alarm. It is recommended that the alarm be installed in each room.
- In general, smoke alarms may not always warn you about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson.
- Like all electronic devices, smoke alarms have limitations. One type of smoke alarm cannot sense every kind of fire.
- This smoke alarm is designed as a power Consuming product and it cannot work without batteries. This alarm is also subject to detection limitation and has a limited service life.

FAQ's

How many smoke alarms should I have?

The number of smoke alarms you need, depends on the architecture and size of your premises.

Where should they be installed?

Smoke alarms should be installed in every bedroom, outside every sleeping area, and on every level on the home (including the basement and attic). To reduce the risk of nuisance alarms, place smoke alarms at least 20 feet away from combustion appliances like furnaces and stove-tops, and at least 10 feet away from humidity-prone areas like bathrooms and laundry rooms. Remember, most deaths due to fire at home occur when inhabitants are asleep. Working smoke alarms are crucial in and around sleeping areas.

When should I test my smoke detectors?

Test your smoke alarms at least once every 2 to 3 months by pressing the test button. Please refer to the user manual for specific instructions.

How do I test my smoke alarm?

Usually, you can test your smoke alarm by pressing the test button once. Allow several seconds to pass. You should hear a loud piercing sound and get a notification on your mobile if the device is online. If the sound is weak or muted, try changing the batteries. Replace the unit if that does not work.

When should I replace the batteries?

On receipt of a low battery notification on the device or APP (please refer to the manual for the same). If the device is not responding, (try by performing the test method, refer to the user manual for the same).

Why is my smoke alarm beeping even if there is no fire or smoke, and how to stop it?

- In case of recent smoke which is still trapped inside the device
 - In case of dust particles or fiber accumulated in the chamber
 - If the smoke chamber is removed or loose
- To stop alerts in case of point 1 and 2, please clean the smoke chamber.

Can I interconnect my smoke detector?

No, this is the standalone smoke detector and it works separately.

WARRANTY

Honeywell International India Pvt Ltd (Honeywell) warrants this product to be free from manufacturing defects for a period of 12 (twelve) months from the date of purchase by the customer. This non-transferable warranty is only for the first owners on the purchase made from Honeywell's authorized dealers and channel partners. Honeywell will repair or replace this product as per the terms and conditions stated below.

- Warranty will be valid only against a valid purchase invoice and valid product serial/ID number. Honeywell reserves the right to decline warranty service if the above documents are not presented or if the information contained is incomplete or found tampered with.
- Warranty does not cover damage caused to the product due to improper installation or tampering by customer or using it with wrong batteries, etc.
- Warranty does not apply to damages caused to the product by accident, lightning, ingress of water, fire or Acts of God, voltage fluctuations, excessive physical shock/impact/drop or any external cause beyond normal operations.
- In no event will Honeywell be liable for any incidental, consequential, special, punitive, statutory or indirect damages including without limitation, loss of profits, revenues or use, or loss or corruption of data resulting from use of this product. Honeywell's aggregate liability shall be limited to purchase price of the product to the extent permitted by applicable law.
- Warranty is not valid outside of India.

For more information,

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Wireless Smoke Detector Installation And

Maintenance Instructions

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