

# DHI-HY-KIT1-SLVP

Alarm kit for the Deaf&Hard of Hearing



- Flashing strobe light
- Vibration Pad
- Wireless Interconnection with wisualarm wireless devices

## System Overview

The Alarm kit for the Deaf&Hard of Hearing is designed for the hearing impaired. When there are gas leaks, fires and other alarms, it can be linked to send out a light and vibration alarm signal, reminding the hearing impaired to evacuate.

The kit consists of a mains-powered strobe light and a vibration pad to alert the hearing impaired. The strobe light has a rechargeable lithium battery.

## Functions

### Wireless connection

Wireless interconnection with Wisualarm alarm devices, supporting up to 24 wireless interconnected devices

### Special alarm method

Support light signal and vibration signal alarm to provide considerate services for the hearing impaired

### Dual power switching

The device is powered by mains power, with a rechargeable lithium battery as a backup power supply

### Flexible use

Supports both wall mounting and free standing installation methods, one-click self-test

## Scene

It is suitable for places with fire emergency plan needs, such as nursing homes, hotels, bedrooms, and hospitals.

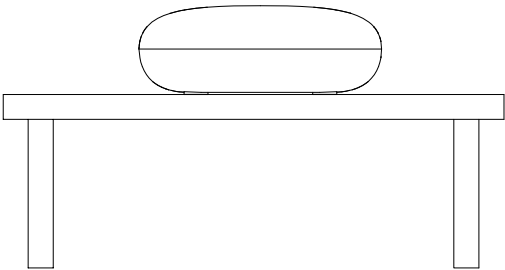
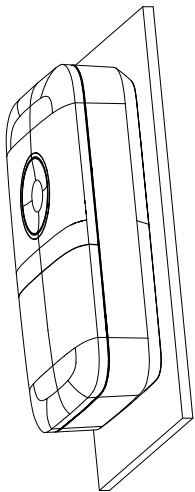
## Technical Specification

### Strobe light

| Alarm method                  | Light alarm  |
|-------------------------------|--|
| Indicator                     | Red: GAS ALARM (CO and gas)<br>Red: FIRE ALARM (smoke and heat)<br>Yellow: FAULT<br>Green: POWER<br>Blue: PAIR   |
| LED instruction               | Red<br>•When there is gas/smoke/heat alarm, the red indicator light flashes once per second<br>•While pairing with node devices, the red indicator light flashes<br>Green<br>•When the mains power is working, the green indicator light is constantly on<br>•When the mains power is disconnected and the backup power is working, the green indicator light flashes once every 20 seconds<br>Blue<br>•Pairing successfully with wireless alarms: the blue indicator light flashes once per second<br>•Pairing with the wireless gateway: press the button three times, the blue indicator light flashes once every 0.5 seconds, and flashes once per second after successful pairing<br>Yellow<br>•Vibration pad connection is abnormal, the yellow indicator light flashes once per second<br>•When the mains power is disconnected and the backup power is under voltage, the yellow indicator light flashes once per minute<br>•Hardware failure: the yellow indicator light is constantly on |
| Power supply                  | Mains power: 230VAC 50Hz<br>Backup power: 3.7V 2500mAh rechargeable lithium battery  |
| Current (with vibration pad ) | Operating current: 20mA<br>Alarm current: 150mA  |
| Warranty                      | 5 years  |
| Battery                       | 3.7V 2500mAh rechargeable lithium battery  |

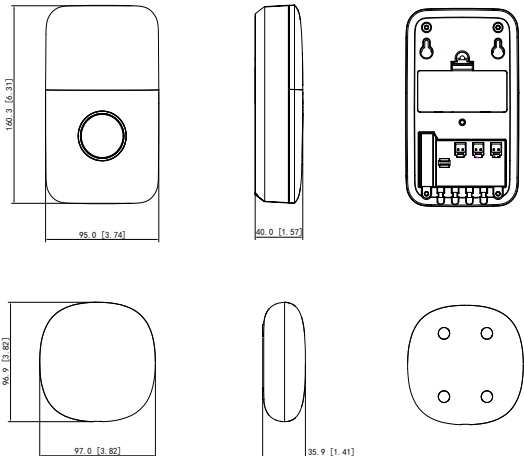
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|-----------------------|---|
| Battery life          | 2 years   |
| Operating environment | Indoor  |
| Communication         | SubG  |
| Radio signal range    | 868MHz: Up to 1000 m (3280.84 ft) in open air<br>925MHz: Up to 500 m (1640.42 ft) in open air |
| Operating temperature | -10°C to +55°C (+14°F to +131°F)  |
| Operating humidity    | ≤95% RH (non condensing)  |
| Casing                | PC+ABS  |
| Dimensions            | 161.0 mm × 95.0 mm × 40.0 mm (6.34" × 3.74" × 1.57")  |
| Weight                | 255 g (0.56 lb)   |
| Installation          | Wall mounting/free standing   |
| Compliance Standard   | BS 5446-3:2015  |

Installation



|                             |   |
|-----------------------------|---|
| Vibration Pad               |   |
| Alarm method                | Vibration alarm   |
| Power supply                | DC 12V (powered by strobe light)                                |
| Current (with strobe light) | Operating current: 5mA<br>Alarm current: 70mA                   |
| Warranty                    | 5 years   |
| Operating environment       | Indoor  |
| Operating temperature       | -10°C to +55°C (+14°F to +131°F)                                |
| Operating humidity          | ≤95% RH (non condensing)  |
| Casing                      | PC+ABS  |
| Dimensions                  | 97.0 mm × 97.0 mm × 35.0 mm (3.82" × 3.82" × 1.38")             |
| Weight                      | 185 g (0.41 lb)   |
| Installation                | Free standing (place under a pillow, mattress, or seat cushion) |
| Compliance Standard         | BS 5446-3:2015  |

Dimensions (mm/inch)



| Ordering Information                   |                     |                                    |
|--|---------------------|------------------------------------|
| Type                                   | Model               | Description                        |
| Alarm kit for the Deaf&Hard of Hearing | DHI-HY-KIT1-SLVP    | 868MHz Strobe Light+ Vibration Pad |
|  | DHI-HY-KIT1-SLVP-R9 | 925MHz Strobe Light+Vibration Pad  |