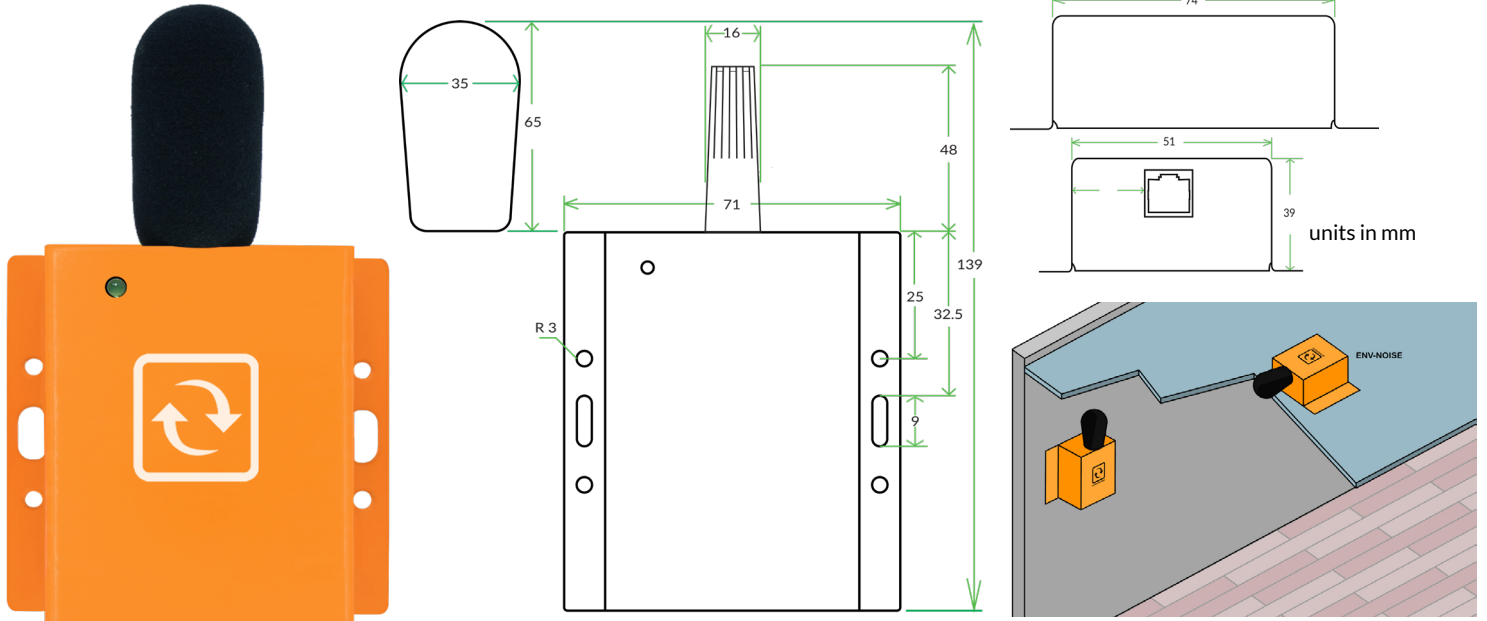




# Sound and Noise Level (dB) Sensor (ENV-NOISE)



Designed for indoor use, this monitoring system ensures compliance with OSHA regulations and HCAHPS standards by accurately tracking and managing sound and noise levels.

## Sensor Metrics:

|                          |                  |
|--------------------------|------------------|
| Sensor accuracy          | ±0.5 dB          |
| Sound (db) resolution    | 0.1 db precision |
| Sensor range             | 30 - 120dB       |
| Frequency weighting      | A weighting      |
| Frequency response range | 20Hz - 12.5kHz   |

## Technical Specifications:

|                                  |  |
|----------------------------------|--|
| Powered by and communicates with | Base Unit (BASE-XX) (required)   |
| Connectivity                     | RJ45 cable transmitting data & power from Base Unit to Sensor                          |
| Cable specification              | RJ45 CAT 6/7 recommended<br>Up to 100m (330ft) subject to cable quality & interference |
| Sensor power usage               | 312 mW   |

## Environmental Specifications:

|   |                               |
|---|-------------------------------|
| Operating and storage temperature range   | 0°C to +50°C (32°F to +167°F) |
| Relative humidity (operating and storage) | < 80% rH                      |

## Physical Specifications:

|                  |  |
|------------------|--|
| Sensor enclosure | Steel enclosure, industrial grade  |
| Mounting option  | 0U rack, DIN rail, magnetic, or wall mountable sensor                          |
| Dimensions       | 72 mm (2.8") x 136 mm (5.4") x 38.5 mm (1.5")<br>Mic 35mm (1.4") x 65mm(2.56") |
| Weight           | 177g (0.39 lbs.)   |