



Unibox Sensor and
data Logger
PoE powered
Room Quality
Monitor

Noise, Temperature, RH, Light, Motion, Location

This device monitors a room for key information – and reports these data to the cloud for processing.

| Measurements – device to cloud | Measurement Values | Output – cloud to device |
|--------------------------------|--------------------|--|
| Noise | In db | Alarm |
| Light | Lux | IR transmitter |
| Temperature | Deg C | Status LED |
| Humidity | % | |
| Motion | PIR Counting | API URL is cloud configurable |
| Geo Location | Lat/Long | Sample interval and SSID |
| WiFi Signal Quality | SNR db | Geolocation Credentials |
| uptime | minutes | |
| Room location | 1 of 4 options | Auto WiFi for simple installation by unskilled people |

This low power device is designed for plug and forget operation – it automatically detects its location, so anyone can install it. Powered by any UL approved USB adapter, once plugged in – it monitors and uploads every minute the information about the room. No sound is recorded, only the level of the loudness is recorded – no conversations are possible with this device.

Specifications

| | |
|------------------|--|
| Connectivity | WiFi built in |
| Power | Male USB connector 5v 1 amp peak, 100 ma average |
| Network Type | Ipv4 |
| Motion Detection | PIR |
| Noise sensor | Loudness envelope |
| Cloud host | WiFi-Soft host or any other web service |
| Sample Interval | Configurable – 1 to 60 minutes |
| Size | 82 x 72 x 30 mm |



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