



# BEDBUG MONITOR / AROMATHERAPY DIFFUSER

Our award winning bedbug monitors the presence of bedbugs and air quality and regulates the scent quality of rooms. Exterminating bedbugs is difficult and can be very costly. Bedbugs propagate very fast, therefore a fast detection method is crucial. Traditional monitoring methods are time consuming and costly, therefore Gupsy developed a fully automated bedbug monitoring device, which attracts the bedbugs by simulating a human body through body heat, CO<sup>2</sup> generation and diffusing attracting scents. The bedbugs are caught on a glue board which is monitored by a camera. The pictures are analyzed on board or external.

This device has extra features like air quality monitoring and can diffuse up to 16 different scents. The aromatherapy diffuser can be controlled via smartphone and tablet apps by the occupant of the room.

## FEATURES

- Attracts and monitors bedbugs.
- 1 month of autonomy of the attractants
- Attracts the bed bugs by evaporation of attractants, generation of CO<sub>2</sub> and body temperature simulation
- Bed bugs are caught on specially designed glue board
- Visual inspection of the glue board with camera
- On board or external automated interpretation of the pictures
- Communicates via LoRaWAN and/or Wi-Fi
- Aroma therapy capability with containers for up to 16 different Essential oils, the diffusers are continuously controllable via smartphone and tablet apps
- Containers simultaneous refillable with specially designed tool in less than 30 seconds
- Optional Air quality sensors
- Innovation award winner @ LoRa alliance IoT challenge, CES Las Vegas, 2016
- Marketing status: in development, beta testers welcome

## APPLICATIONS

- Hotels
- Hospitals
- Airbnb, vacation homes, etc.

