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# LifeSensor

by gradient ▶

Technology for  
life monitoring

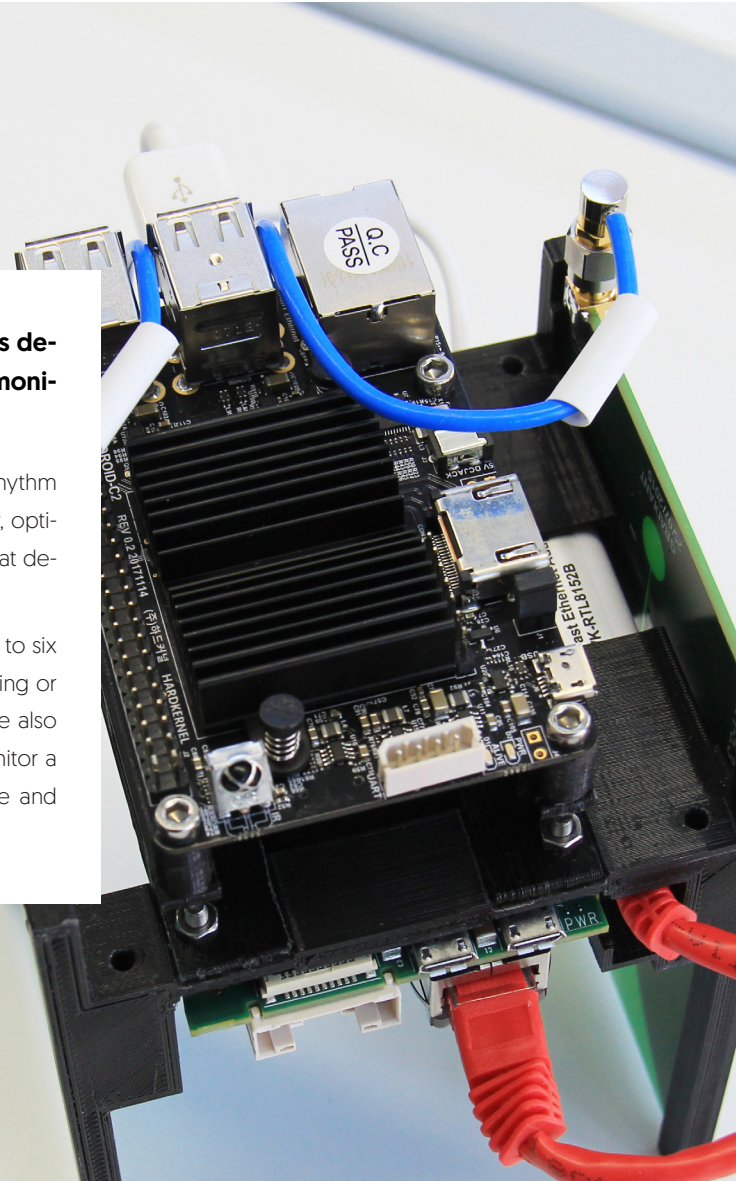


**LifeSensor by Gradiant is a remote liveness detection technology, based on respiratory monitoring and agitation measuring.**

Our solution allows to monitor the respiratory rhythm and movement of a person in a non-invasive way, optimizing surveillance by means of a radar system that detects the existence or absence of breathing.

The technology used has a detection range of up to six meters and works through materials such as clothing or sheets, but also wood or briks. This device can be also used to detect non-respiration events and to monitor a person's state, by measuring their respiratory rate and the agitation level during sleep.

LifeSensor  
by gradiant



## Technology for life monitoring

### Remote liveness detection technology

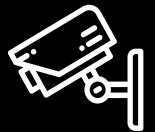
- ✓ Real-time alarms to warn of any significant interruption of breathing
- ✓ Non-invasive cordless device oriented to monitor people in vulnerable situations
- ✓ Measures through materials (sheets, mattresses and bricks)
- ✓ Monitoring people in rooms/cells (smart homes, geriatrics, psychiatric institutions, and detention cells)
- ✓ Supports and assures privacy
- ✓ Sleep monitoring and sleep apnea diagnosis



Health



Welfare



Security