

Technical data

Mechanics	
Protection class	IP 68
Operating temperature	-20° C ... +70° C
Storage temperature	-20° C ... +70° C
Display	Blue LED
Commissioning	Via smartphone app SmartEAR-GO!
Electronics	
Processor	32 bit
Anti-theft protection	Motion sensor
On/off	Magnetic switch
Power supply	
Power supply	Lithium battery 3.6 V / 13 Ah
Battery lifetime	Up to 9 years*
Battery change	Possible on site
Measuring modes	
Night measurement	Between 2 am - 4 am
Permanent measurement	Every 15 minutes / hourly upload
Customised measurement	Multiple measurement cycles, freely selectable upload times and lengths of audio files
Communication	
Long-range radio	NB-IoT, LTE-M (combi-modem)
Short-range radio	Bluetooth® Low Energy
Transmission protocol	MQTT
Housing	
Height	122 mm
Diameter	69 mm (79 mm max.)
Weight	450 g
Material	A2 stainless steel, PPH and PPS
Mounting options	Magnet, magnetic ring, threaded adapter
Anti-theft protection	Stainless steel cable



* Battery Life Disclaimer

The specified battery life of up to 9 years is based on ideal conditions, which include, among other factors, an optimal measurement profile, suitable infrastructure, sufficient network coverage, professional installation, and, if necessary, the use of an antenna extension. Additional environmental and operational conditions may also influence battery life.

Please note that the actual battery life depends on various external factors and therefore cannot be guaranteed. Battery life is **not covered** by the product warranty.