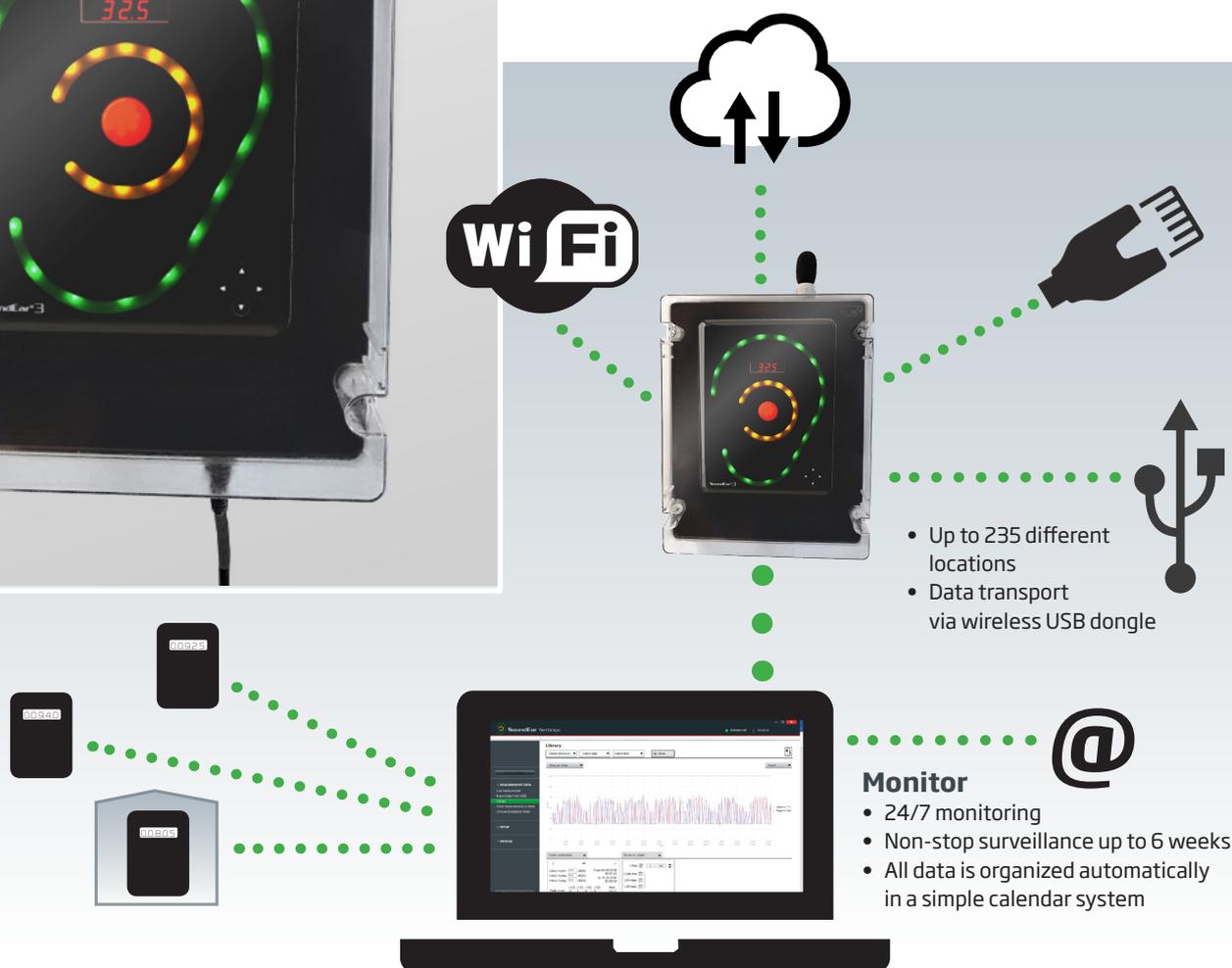




## SoundEar 300x - measure, monitor and manage noise in multiple locations



### Technical data SoundEar 300x

**Parameters:** Measures 3 measurements simultaneously, Fast, Slow, LCpeak; Laeq 1s, Laeq ¼ h, Laeq 1/2h, Laeq 1 h, LeqC.

**Resolution:** 0,1 dB for all parameters

**Measuring Ranges:** RMS: Total 30 - 120 dB

**Deviation:** +/- 0,5 dB

**Frequency Range:** 20Hz- 20 kHz

**Frequency Weightings:** A-weighting, C-weighting

**Time Weighting:** Slow(1S) & Fast ( 125 ms )

**Dynamic Range:** 90 dB and peak detection

**Light setting:** full configurability through Soundear software including nightsetting.

**2 x outputs :** 0-10 V or 4-20 mA

**2 xUSB outputs:** Micro USB ( power & PC ) , USB OTG (Log, configuration)

**Display setting:** LAS max, Leq (A)15, Alarm settings, Temperature & Clock

**Power Supply:** 5VDC ( Micro USB) / 24VDC (Screw terminal)

**Current Consumption:** max 2,5 W

**Internal memory:** 16 MB( 128 Mbit) ( 5-90 days log time, depending on log settings )

**Real Time Clock:** Hi-precision type with battery backup ( CR2032 )

**Microphone:** 20 Hz- 20 kHz

**Measurement:** Length 380 mm, Width: 300 mm, Height: 150 mm,

**Weight:** 2kg

**Cabinet:** Waterproof: IP67

**Connectivity accessories:** WIFI/Lan, GSM

**Standards:** IEC61672-2-2002, Type 2, ANSI 51,4  
 Type 260601-1: Medical electrical equipment - Part 1: general requirements for basic safety and essential performance.  
 60601-1-2\_ Medical equipment - Part 1-2: General requirement for Basic safety and essential performance.