SoundEar 310x – monitoring systems

SoundEar 310x – measure, monitor and manage noise in multiple locations

WiFi
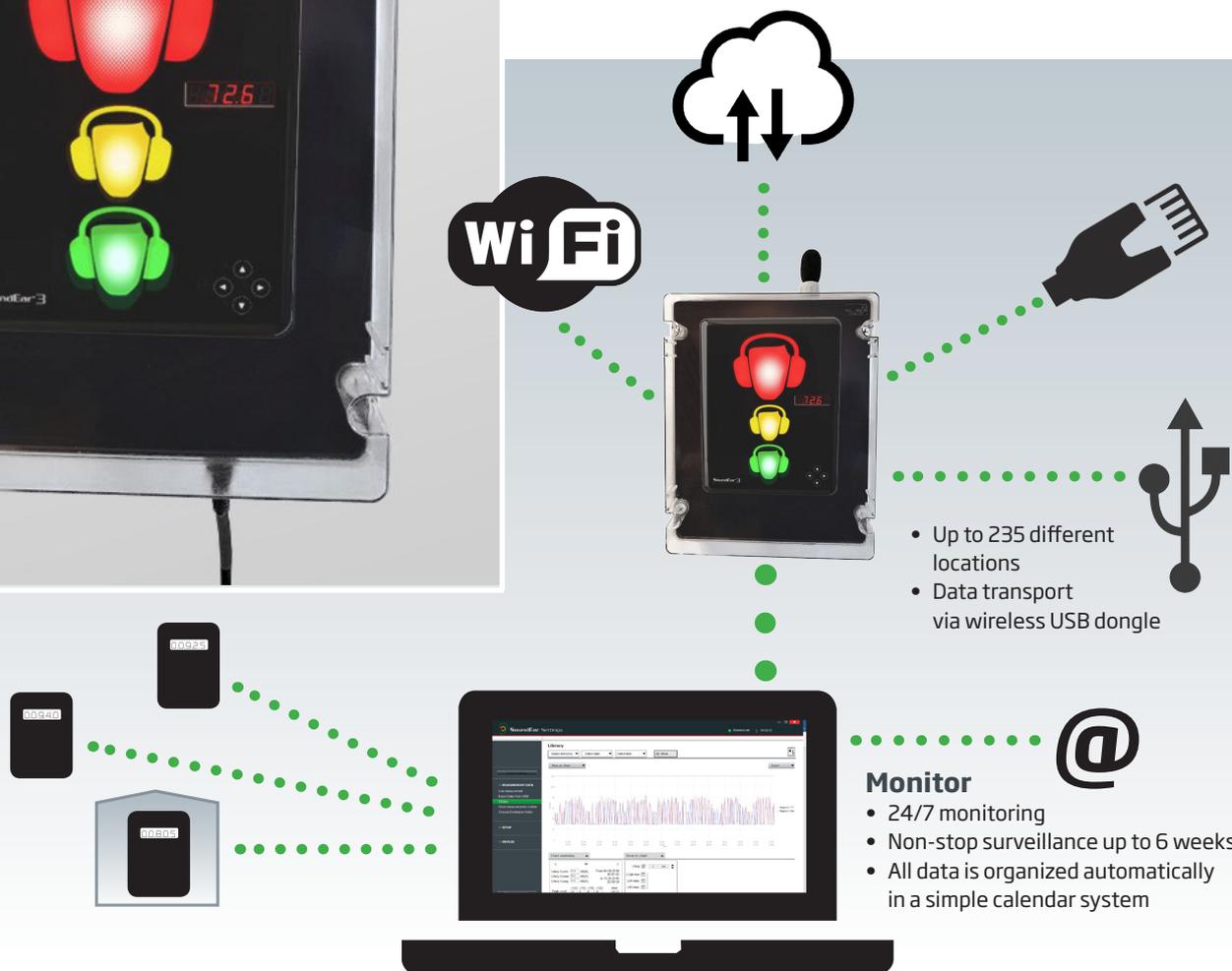
- Up to 235 different locations
- Data transport via wireless USB dongle

Monitor
- 24/7 monitoring
- Non-stop surveillance up to 6 weeks
- All data is organized automatically in a simple calendar system

Technical data SoundEar 310x

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.