

Sound level monitor SPM^{TWO}

Sound sensing and recording.

Real-time measurement and analysis of sound levels

- continuous monitoring of sound sources
- automatic transmission of measured data and results to local network or Internet
- calibratable* sound level monitor according to DIN EN 61672
- simple operation, maintenance and remote control
- extensive data storage and transmission (Ethernet, USB, Internet)

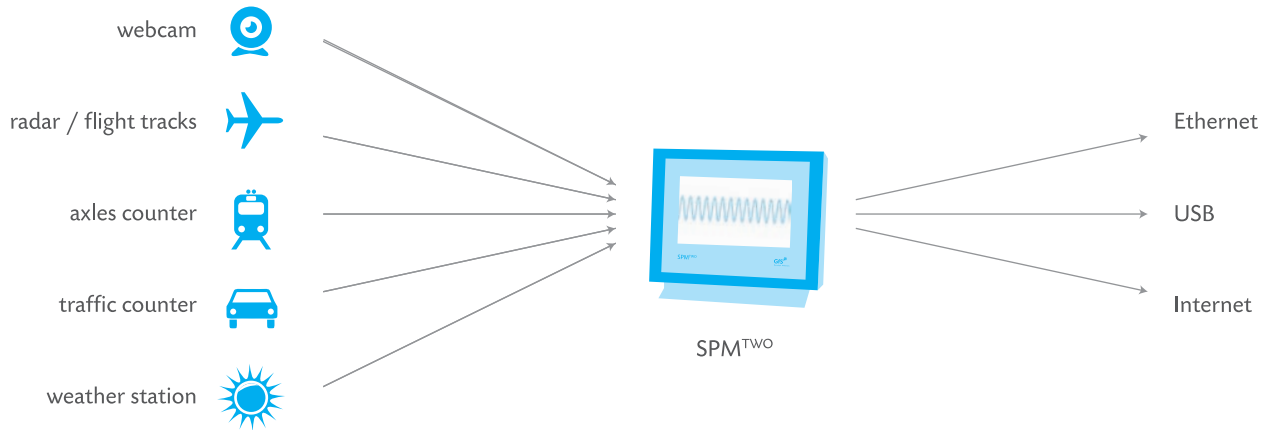
Features

- parallel measuring and storing of all measurement variables in time range
- real-time FFT & one-third octave band analysis
- automatic storage of sound events
- noise identification
- interfaces for weather data, traffic counting or webcam



(* in preparation)

Interfaces for weather data, traffic counting, webcam and others



Extent of supply

- monitor
- weather-proof microphone with wind shield and bird spikes
- microphone cable
- power supply unit for 230 V / 50–60 Hz
- cable set: Ethernet, RS232 and modem
3m each
- wall fastening kit for monitor
- factory calibration certificate and manual
- on request with DKD calibration and certificate

Service and maintenance

- on request, annual maintenance by GfS

Technical data

- **Range of sound level**
25–140 db
- **Range of frequency**
20 Hz – 20 kHz
- **Frequency weighting**
A-filter, C-filter, Z-filter
- **Time weighting**
fast, slow, impulses
- **FFT**
with 128-fold zoom
- **Third octave analyser**
30 bands (25 Hz – 20 kHz)
- **Accuracy**
class 1 according to DIN EN 61672
- **Display**
7" FFT display with touch
- **Microphone interface**
AES 42 digital
- **Data interfaces**
Ethernet, USB, CAN, RS422
- **Modem**
analog, ISDN, GSM