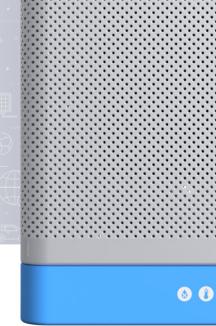
energøstack

Airsense

- EAS7

The EAS7 Airsense sensor is designed to measure air quality. It monitors relative humidity and temperature. Sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud.





Technical data

Measured data	relative humidity [%], temperature [°C]
Physical dimensions	130 × 80 × 30 mm
Weight	190 g (including batteries)
Material	ABS plastic, aluminium
Protection	IP40
Working conditions	from -20 °C to $+60$ °C, <80 % RH (non-condensing)
Required accessories	gateway EWG6-C, holder
Optional accessories	corner holder
Power supply	3× exchangeable AA alkaline battery 1,5V
Battery life	> 2 years (max. 5 years)
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100 m (depending on the local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	60 s
Resolution of metering	temperature: 0,1 °C, humidity: 1 % RH
Accuracy of metering	temperature: ±0,5 °C, humidity: ± 4 % RH
Range of metering	temperature: 5 to 50 °C, humidity: 0 to 80 % RH
Activation	by placing on designated holder