

The sphere is a wireless, rechargeable multisensor unit designed for stationary monitoring of devices and environments. Whether freestanding or mounted with a wall-mounting system, the sphere captures precise measurements of temperature, humidity, pressure, brightness, and motion. The collected data is securely encrypted and continuously transmitted to the essentim Cloud around the clock.



Article Number:	1SPH2ES0001
Dimensions:	66 x 66 x 23 mm
Weight:	80 g
Lifetime (battery):	5 years

Specifications:

 Temperature	-10 – 58 °C (typ. ± 0.3 °C)
 Humidity	0 – 100 % rH (typ. ± 2 %)
 Atmospheric pressure	300 – 1100 hPa (typ. ± 1.0 hPa)
 Brightness	0 – 100 %
 Movement	motion / no motion

- Performance Highlights:**
- Plug & Play 24/7 Lab Monitoring
 - Wireless, rechargeable multi-sensor unit
 - 5 internal standard parameters for stationary device and environmental monitoring
 - expandable through Plug & Play extensions

Battery: Rechargeable LiPo-Battery, normal online time with one connected pt100 extension over 6 months for standard operating conditions

Operating Conditions: -10 °C to +58 °C, 0 % to 95 % rH non condensing

Certified: EU, UK, North America
RoHS compliant

Accessories: Power Supply
Mounting kit