



SEZO Sp. z o.o.
Pomeranian Science and Technology Park
Al. Zwycięstwa 96/98
81 - 451 Gdynia, Poland
Phone / Fax +48 (58) 663 10 10
E-Mail: info@sezo.pl Web: www.sezo.pl



PRODUCT NAME	SEZO A1L
DESCRIPTION	<ul style="list-style-type: none">• Compact sensor device measuring environmental parameters, luminosity, noise and air quality equipped with accelerometer and PIR-based motion detector• Suitable for indoor and outdoor environment monitoring• LoRaWAN networking technology for long transmission range• USB configuration
MEASURED PARAMETERS	Temperature, Humidity, Air Pressure, Luminosity, Noise Acceleration, Motion (PIR), Particulate matter
OPERATING TEMPERATURE	-30 ÷ 60°C
MEASUREMENT RANGE AND ACCURACY	<ul style="list-style-type: none">• Temperature: -30 ÷ 60°C, ±0.3°C• Humidity: 0 ÷ 100%, ±2%• Air pressure: 260 ÷ 1260 hPa, ±0.1 hPa• Luminosity: 0 ÷ 1000 lx• Noise: 40 ÷ 100dB• PM: 0 ÷ 500 µg/m³, ±10 µg/m³ @<100 µg/m³ (measurement disabled below -10°C)
COMMUNICATION PROTOCOL	LoRaWAN v1.0.2, Class A device
FREQUENCY AND TRANSMISSION POWER	868 MHz, maximum 14 dBm
DATA TRANSMISSION INTERVAL	Default 15 minutes (configurable) or event-triggered
POWER SUPPLY	External AC adapter 100-240V 50Hz, Europlug
ENCLOSURE AND MOUNTING	IP67, polycarbonate, four screw holes
WEIGHT	170 g (without AC adapter and power cable)
PRODUCT DIMENSIONS	Length 89 mm, width 80 mm, height 48.5 mm