

- Z-Wave
- OTA remote update
- Possibility of connecting the external temperature sensor via 1-Wire interface

SZ-AIR is an **air sensor** which operates based on wireless technology.

There are 4 modifications of the module:

- SZ-AIR-T01 — temperature sensor;
- SZ-AIR-HT01 — temperature and humidity sensor;
- SZ-AIR-Q01 — air quality sensor;
- SZ-AIR-HTQ01 — temperature, humidity and air quality sensor.

In case of degraded air quality, the sensor sends an alarm signal to the main **“ELTEX SC”** controller.

The module can operate in any **“ELTEX SC”** network with certified devices of any other manufacturers.



SZ-AIR-T01



SZ-AIR-HT01



SZ-AIR-Q01



SZ-AIR-HTQ01

Technical features

	SZ-AIR-T01	SZ-AIR-HT01	SZ-AIR-Q01	SZ-AIR-HTQ01
Sensor colour coding	red	blue	green	orange
Measured features	temperature	humidity	level of carbon dioxide (CO ₂) and volatile organic compounds (tVOC)	temperature, humidity, level of carbon dioxide (CO ₂) and volatile organic compounds (tVOC)
Signal frequency	869 MHz			
Controller reception range	100 m (direct visibility)			
Maximum signal power	+14 dBm			
External temperature sensor connection	via 1-Wire interface			
Protection level	IP20			
Update	OTA remote update			
Power supply	lithium-type battery CR123A, 3 V or power module with microUSB		power module with microUSB	
Dimensions	∅70 mm, h = 31 mm			
Weight (including battery supply)	100 g max			
Operating temperature	from +5 to +40 °C			
Relative humidity at +40 °C	95 % max (without condensing)			

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About ELTEX

ELTEX company is a leading Russian developer and manufacturer of telecommunication equipment with more than 25 years of history. Complete solutions and seamless integration into Customer infrastructure are a priority area of company development.