



AIRO-LOG, is an intelligent RF transmitter, that can be provided in several versions.

Technical specifications

Basic parameters				
+ OID	950 411	950 412	950 421	950 430
+ Models	airO-Temp OW	airO - HTemp OW	airO-Analog [T]	airO-CO2
+ Range of operation	-55 to +125°C	0 to +65°C 0 to 100% RH <i>With filter for condensing environment</i>	-200°C to 250°C	400 to 5'000 ppm
+ Resolution	12 bits (0.0625°C)	16 bits	14 bits	1ppm
+ Accuracy	+/- 0,5 °C in range from -10°C to +55°C	+/- 0.2 °C (0°C to +60°C) +/- 2 RH% (10% to 90%)	+/- 0,5 °C C in range from -70°C to +190°C	±30 ppm ±3 of reading
+ Measuring element	DS18B20 Silicone Cable Inox probe (IP68)	Sensirion SHT3x Silicone cable Probe with filter	MAX31855 Thermomart type T or K	Sensair AB SUNRISE Non-dispersive infrared (NDIR)
+ Digital Input type	2X dry contact			
+ Outside size AxBxC	50 x 28 x 55mm (antenna 85 mm)			
Communication				
+ Communication radioband	433, 868 or 915 MHz - ISM radio band or LORA (Industrial, scientific and medical) FREE License			
+ Encryption Data	YES			
+Clock synchronization	YES			
Others				
+Measured temperature range	-10°C up to +70°C			
+ Waterproof enclosure	IP65			
+ Power supply	1X Lithium Battery AA Size ER14505 Cell 3.6V 2600mAh Long life = more than 4 years reading every 15 minutes Option: Lithium Battery ER26500 – Cell 3.6V 8600mAh for EXTRA LONG LIFE (+12 years)			
+ Power consumption	Sleep mode 18 µA wake up mode 26 mA			
+ Outside dimensions	65 x 60 x 30 mm			
Sensor options				
+ Support sensors	Support 3 sensors (dual sensor counts as two probes ex: Temperature/Humidity)			
+ Log file	200 records			