**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<br>0 to 100% RH<br>**With filter for condensing environment** | -200ºC to 250ºC | 0 to 5'000 ppm |
| + Resolution | 12 bits (0.0625ºC) | 16 bits | 14 bits | 16 bits |
| + Accuracy | +/- 0,5 °C in range from -10°C to +55°C | +/- 0.2 °C (0°C to +60°C)<br>+/- 2 RH% ( 10% to 90%) | +/- 0,5 °C C in range from -70°C to +190°C | 0 - 5000ppm, 0-1% |
| + Measuring element | DS18B20<br>Silicone Cable<br>Inox probe (IP68) | Sensirion SHT30<br>Silicone cable<br>Probe with filter | MAX31855<br>Thermomar type T or K | SST Sensing, Ltd<br>COZIR<br>Non-dispersive infrared (NDIR) |
| + Digital Input type | 2X dry contact | | | |
| + Outside size AxBxC | 50 x 28 x 55mm (antenna 85 mm) | | | |

| Communication | |
|---|---|
| + Communication radio band | **433, 868 or 915 Mhz - ISM** radio band or **LORA**<br>**(industrial, scientific and medical) FREE License** |
| + Encryption Data | **YES** |

| Others | |
|---|---|
| +Measured temperature range | -10°C up to +70°C |
| + Waterproof *enclosure* | **IP65** |
| + Power supply | 1X Lithium Battery AA Size Cell 3.6V 2600mAh<br>Long life = 4 years reading every 15 minutes<br>Option: **DOUBLE battery AA Size Cell 3.6V 2600mAh for EXTRA LONG LIFE** |
| + 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 |