



ECOLOG-PRO 1NTR

- > Temperature monitoring
- > 100 % compliant
- > Compatible with ELPRO Cloud



TECHNICAL SPECIFICATIONS

ECOLOG-PRO 1NTR

Wireless temperature logger with internal probe for ELPRO Cloud

ECOLOG-PRO 1NTR is an easy and versatile solution to monitor your valuable materials stored in refrigerators, freezers or ambient conditions. Battery-operated and wireless, the 868 MHz (Europe) or 915 MHz (USA) radio band provides excellent reach. Set-up is easy and only takes a few minutes. Simply register the sensor on your ELPRO Cloud account, pair it to an ECOLOG-PRO RBR (radio bridge) communication module, and place it in your room or equipment. A reliable internal storage capacity for thousands of measurements ensures all your valuable data are sent to ELPRO Cloud. Should the connection between the ECOLOG-PRO 1NTR and the radio bridge be temporarily lost, the module will automatically search for another radio bridge within range. The ELPRO Cloud web application aggregates all your sensor data to provide a convenient, comprehensive overview, sending out alerts if alarm limits are breached.



we prove it.

SWISS QUALITY



- > Monitors your valuable goods in rooms, refrigerators or freezers
- > Simple, safe and reliable
- > Flexible positioning thanks to radio communication
- > Sensor buffers measurement values to ensure no data is lost in case of temporary interruptions
- > Compatible with ELPRO Cloud

Technical Specification ECOLOG-PRO 1NTR

Type	Wireless temperature logger
Application area	Temperature monitoring for rooms, refrigerators, freezers
Type of probe	Internal NTC
Measurement range	-35 °C..+50 °C (with optional LiFe batteries), -10 °C..+50 °C (with Alkaline batteries)
Measurement accuracy	±1.0 °C in the range between -35.0 °C and -10.1 °C ±0.5 °C in the range between -10.0 °C and -0.1 °C ±0.4 °C in the range between 0.0 °C and +25.0 °C ±0.8 °C in the range between +25.1 °C and +50.0 °C
Measurement resolution	±0.1 °C
Measurement interval	1, 2, 3, 5, 10, 15, 20, 30, 60 minutes; user programmable via software (ELPRO Cloud)
Measurement capacity	14'800 measurement values
IP protection class	IP67
Battery life	14 months (stable radio connection provided)
Battery type	2 x Alkaline AAA (for refrigerators or ambient) or 2 x LiFe AAA (for freezer applications)
Display	3 LED for communication and measurement status
Certificate	Validation Certificate Additional calibration based on manufacturer calibration standards or ISO 17025 available upon request
Traceability	ID number (traceable to component level)
Report	via software (ELPRO Cloud)
Case dimension	ABS plastic material Ø 73 mm (2.87 inch), 17 mm (0.67 inch)
Certifications conformity	CE (868 MHz) FCC (915 MHz) RoHS
Wireless connection to communication module	Available in two versions with 868 MHz or 915 MHz, respectively
Required communication module	ECOLOG-PRO RBR