



ECOLOG-PRO RBR

- > Connects up to 50 wireless loggers
- > 100 % compliant
- > Compatible with ELPRO Cloud



TECHNICAL SPECIFICATIONS

ECOLOG-PRO RBR

Communication module to connect wireless data loggers to ELPRO Cloud

The ECOLOG-PRO RBR (radio bridge) connects with wireless ECOLOG-PRO data loggers and sends encrypted measurement data to ELPRO Cloud. Set-up is easy and only takes a few minutes. Simply use an Ethernet cable to connect the ECOLOG-PRO RBR to the Internet via a modem/router/LAN, and register the loggers to your ELPRO Cloud account. Thanks to the radio band used (868 MHz Europe or 915 MHz USA) the ECOLOG-PRO RBR provides excellent reach and can connect up to 50 wireless loggers. ECOLOG-PRO RBR provides a highly reliable, dynamic connection between data loggers and ELPRO Cloud, ensuring no gaps in your data. The ELPRO Cloud web application aggregates all sensor data and provides a convenient, comprehensive overview, sending alerts if alarm limits are breached.



we prove it.

SWISS QUALITY



- > Connects your wireless data loggers to monitor your valuable goods in rooms, refrigerators or freezers
- > Secure, encrypted communication
- > External power supply unit or PoE
- > Compatible with ELPRO Cloud

Technical Specification ECOLOG-PRO RBR

Type	Communication module for wireless data loggers
Application area	Environmental monitoring for rooms, refrigerators, freezers
Max. number of connected wireless data loggers	50
Communication interval	1 to 60 minutes; depending on configuration of sensors
IP protection class	IP20
Environmental operating temperature / humidity	0 °C..+40 °C 10 %RH..90 %RH, non-condensing
Power supply	External power supply unit (Input: 100-240 VAC / 50-60 Hz; Output: 5.9 VDC / 1200 mA) or PoE (Power over Ethernet)
Display	2 LED for connection/communication to ELPRO Cloud and connection/communication to wireless data loggers
Certificate	Validation Certificate
Traceability	ID number (traceable to component level)
Case dimension	ABS plastic material 137 mm (5.39 inch) x 70 mm (2.76 inch) x 57 mm (2.24 inch)
Certifications conformity	CE (868 MHz) FCC (915 MHz) RoHS
Wireless connection to data loggers	available in two versions with 868 MHz or 915 MHz, respectively
Connection to ELPRO Cloud	via Ethernet cable, Cat 5e or higher; shielded cables required for cable lengths > 3 meters
Compatible wireless data loggers	ECOLOG-PRO 1NTR, ECOLOG-PRO 2PTR*, ECOLOG-PRO 1THR*

* market introduction planned for 2020