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## 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

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

\* market introduction planned for 2020