



Room Control Unit RCU EnOcean



The EnOcean Room Control Unit RCU, together with the Stella Pro EnOcean, provides the perfect single-room solution for public buildings such as schools and administrative facilities, as well as hotels, offices, and industrial buildings.

A unique key feature is that the Stella Pro EnOcean Flywheel can be controlled directly by our RCU as a single-room or multi-room solution - without the need for a gateway.

The RCU is self-powered by a built-in solar cell.

Technical data

Supply voltage:	Lithium battery 3.2 V / Solar / USB-C 5 V
Temperature range:	8°C to 28°C
Dimensions (WxHxD):	75 x 152 x 21 mm
Housing:	Plastic
Weight:	175 g
Installation:	Wall mounted
Protection class:	IP30
Area of application:	Indoor
Scope of delivery:	Room control unit RCU EnOcean, Instruction manual

Radio standard

Communication:	EnOcean (IEC 14543-3-10), Transmit power <10mW, Internal antenna
Frequency range:	868 MHz - Europae und China 902 MHz - North America 928 MHz - Japan (on request)
Duty-Cycle:	1%/h
EnOcean range:	Up to 30m indoors, (depending on the network environment and building structure)
EEP:	ONE-ROOM-GW-ONLY (D2-11-02) MANY-ROOM-GW-ONLY (D2-12-00) ONE-ROOM-GW-Flywheel (D2-11-02)

Measurement accuracy

Typ. accuracy of relative humidity:	+/- 1.8%RH
Typ. temperature accuracy:	+/- 0.2°C

Environmental conditions

Operating temperature:	0 to +40°C
Ambient humidity:	0 to 95 %
Storage and transport conditions:	Temperature -20°C to +80°C Relative humidity max. 95%

Functions

- E-paper display for permanent information
- Rotary control knob for intuitive operation
- Supports control of multiple rooms
- Temperature and humidity measurement
- Control can be limited or locked
- Window-open detection indicator
- Heating/cooling mode indicator