



Room Control Unit RCU LoRaWAN



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

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

Technical data

Supply voltage:	LS14500 AA / 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 LoRaWAN, Instruction manual

Radio standard

Communication:	LoRaWAN EU88 (V1.0.4) Internal antenna
Frequency range:	L-Band 865,0-868,0 MHz M-Band 868,0 MHz-868,6 MHz
Duty-Cycle:	L-Band < 1 %/h M-Band < 1%/h
LoRaWAN range:	> 6km (Freefield, SF9, Gateway: Kerlink PDTIOT-ISS04)

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