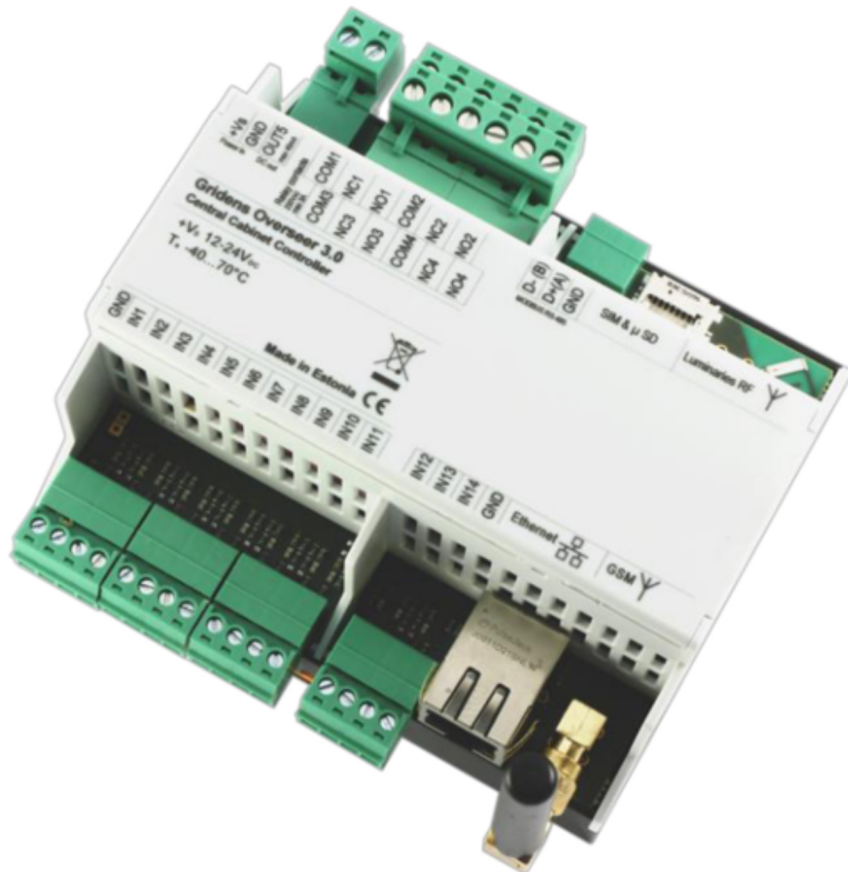# OverSeer 3.0

Central control Unit

Main control unit and remote monitoring gateway.

Operates autonomously according to configuration provided by cloud service.

Applies time profiles and reports statuses for all radio terminals.

Technical data

- Supply voltage 12 or 24 Vdc
- Power consumption max 10 W, average 3 W
- Built in Li-ion backup battery (up to 12 h)
- 14 digital „pull-up"inputs (all inputs are configurable for monitoring voltage relay or pulse meter)

- 4 relay outputs SPDT contacts (max contact voltage 250 Vac or 30 Vdcand current 3 A)
- 1 DC output (low side switch), max 45 mA
- 1 Modbus RTU port (RS-485)
- Internet: GSM (3G, NB IoT) or Ethernet for (RJ-45 connector)
- Internal or external antenna (SMA connector) for radio terminals (luminaires)
- MicroSD card slot (data buffering on network failure)
- Built-in astronomical clock
- Remote firmware upgrade
- Operating temperature -20 … +60 °C
- Housing Dimensions: 108 x 90 x 62 mm, DIN rail mounting, protection class IP20 (IP65/66 plastic casing needed when electrical cabinet protection class is less then IP54)

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Tarkvara: Gridens Software OÜ | Riistvara: Arhilion OÜ

Veebidisain: EL Innovatsiooniklubi

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