AU-Manager · Autani

The hub for lighting and energy data

The AU-Manager is the heart of every installation. It collects messages from all sensors and luminaires and uses them to control lighting as well as heating, ventilation and air conditioning. In a web browser you set schedules and see energy use – on site or remotely.



1,000
Bluetooth devices
Sensors and luminaires per manager, connected via CR05.

> 1 year
Data storage
All system events stay stored and can be analysed.

LAN
Network
Wired to the building network, remote access via portal.

13 W
Power consumption
Maximum consumption of the unit in operation.

BENEFITS

What the AU-Manager does for you

- **Everything in one place**
  Manage schedules, load management and settings graphically on your floor plans.
- **Energy use made visible**
  Current and historical consumption – the basis for energy reports and evidence.
- **Open to building management**
  With the AU-BACNET option, data is passed to your BMS via BACnet.

AT A GLANCE

The AU-Manager in brief

Bluetooth	**up to 1,000 devices**
Zigbee	**up to 120 devices**
Connections	**Ethernet, 2× USB**
Location	**indoors, wall or desk**
Power supply	**adapter 100–240 V AC**
Dimensions	**199 × 198 × 50 mm**

IN THE SYSTEM

How the AU-Manager fits in

Sensors & luminaires networked in the zone's Bluetooth mesh → **CR05** connects one zone each → **AU-Manager** control, schedules, data storage → **EnergyCenter** web interface, remote access via portal

Each zone reports to the AU-Manager via its CR05 – occupancy, status and energy data all come together there.

A GOOD FIT IF ...

- ✓ Buildings with several lighting zones or halls
- ✓ Central monitoring and scheduling required
- ✓ IT or electrical room with a LAN connection

DIFFERENT REQUIREMENT?

Connecting a zone to the manager	**CR05**
Scheduling for a single zone	**CR01**
Outdoor lighting by sun position	**CR02**
More than 1,000 Bluetooth devices	**please ask**

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Planning and installation: info@buildingrobotics.de · +49 30 4397929208 · buildingrobotics.de/en/sensors/au-manager/
Manufacturer data (Keilton+autani), as of November 2026. Subject to technical changes.

Technical data

SYSTEM AND NETWORK		
Protocols	**Bluetooth®, Zigbee (autaniNet), EnOcean, BACnet/IP**	Wireless and building standards the manager understands.
Software	**Autani EnergyCenter® (web-based)**	Operated through a web browser.
Capacity	**up to 1,000 Bluetooth devices (with CR05 + RTR), up to 120 Zigbee devices**	Number of devices one manager handles.
Data retention	**System events > 1 year**	Events remain available for over a year.
Options	**AU-BACNET (BACnet export), AU-PRO (advanced automation)**	Add-on licences for BMS link and automation.
Network	**Ethernet (LAN)**	Wired connection to the building network.
Interfaces	**1× Ethernet 10/100/1000, 1× USB 2.0, 1× USB 3.0**	Ports on the unit.
Wireless (autaniNet)	**IEEE 802.15.4, 2.4 GHz, mesh**	Dedicated Zigbee network for Autani devices.
Remote access	**portal.autani.net, outbound UDP 59462/54473/59475 or TCP 443**	Your IT team allows these outbound ports.

ELECTRICAL AND ENVIRONMENT		
Power supply	**100–240 V AC, 50/60 Hz (power adapter, 12 V DC output)**	Power adapter for standard mains.
Power consumption	**max. 13 W**	The unit's own consumption.
Temperature range	**10 °C to 40 °C (operating)**	Normal room temperature, e.g. a plant room.
Environment	**Indoor only, wall bracket or desktop**	Suitable for indoor use only.
Dimensions	**199 × 198 × 50 mm (7.85 × 7.81 × 1.97 in)**	Compact, flat housing.
Weight	**0.7 kg**	Light enough for wall or desk.

INSTALLATION

Mount, connect, switch on

Choose a spot
IT or electrical room, approx. 5 cm clearance all round.

Mount
Hang on the wall or place on a desk.

Connect
Plug in Ethernet and power adapter, DHCP by default.

Open ports
For remote access, allow outbound TCP 443.

ORDERING

Items and accessories

AU–Manager	Autani Manager / EnergyCenter®
RTR.A0	Autani Router (Integration)
CR05.A0	Bluetooth interface

FREQUENTLY ASKED QUESTIONS

How many devices can an AU-Manager handle?

According to the manufacturer's datasheet, up to 1,000 Bluetooth devices in combination with CR05 interfaces and RTR routers, plus up to 120 Zigbee devices. Each CR05 connects one Keilton+autani zone with up to 100 nodes.

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