

# SEPA IOT-box

Smarter Automation, **Grenner Solutions**



# Your Gateway to Smarter Operations



Cost



Plug & play



Your building/ Business



### Centralized Monitoring

Monitor operations in real-time for smarter decisions and improved performance.



### Industrial Operations

Designed for industrial efficiency and reliable system performance.



### Energy Optimization

Cut energy costs with advanced monitoring and smart optimizations.



### Scalability for Growth

Seamlessly connect up to 250 devices with multi-protocol compatibility, ensuring future-ready operations.

# Sepa IoT Box Use Cases

## Energy Optimization in Smart Buildings

Maximizing energy efficiency and cost savings through advanced IoT solutions.



### The Challenge

Smart buildings often struggle with high energy costs, inefficient resource allocation, and a lack of real-time insights into energy consumption.

### How SEPA IoT-Box Solves It?

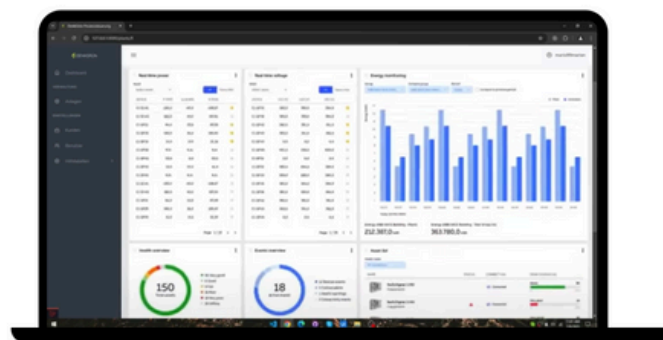
The SEPA IoT-Box integrates seamlessly into smart building systems, providing centralized monitoring, energy optimization, and actionable insights to reduce energy consumption and maximize efficiency.

#### Streamlined Operations

Easily monitor and manage multiple facilities with a streamlined dashboard, ensuring operational efficiency and clarity.

#### Scalability for Growth

Easily scale your operations across multiple locations with seamless system adaptability.



#### Data-Driven Decisions

Make smarter business decisions with real-time insights into performance and resource utilization.

#### European Data Security

Trust in Austrian-made solutions that prioritize data protection and compliance with European standards.

## Success Stories

A commercial building reduced its energy costs by 20% within six months by implementing the SEPA IoT-Box.



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[www.sepa.at](http://www.sepa.at)

## Why it matter?

- "Reduce energy costs by up to 25%."
- "Improve operational efficiency with real-time insights."
- "Ensure uninterrupted energy supply through advanced optimization."

# Components





The Sepa IO Box is a device designed for [insert purpose, e.g., data collection, environmental monitoring, industrial automation].

This device works as a combination of IoT box and a sensor to provide a robust solution for [specific purpose, e.g., real-time data acquisition, remote monitoring, or process optimization].

Purpose of Use:

- The IoT box serves as the central hub, managing communication, data processing, and connectivity with external systems.
- The sensor collects specific environmental, operational, or performance data, such as [e.g., temperature, humidity, vibration, energy consumption], depending on the application.

## Leistungsmessung Modbus

	Produkt	Strom	Protokoll
	SDM120M Series Single Phase 45A MID (Multi-Function with Serial Communication)	bis 45 A direkt	Modbus RTU
	SDM120CT Series Single Phase 5A CT Operated MID (Multi-Function with Serial Communication)	5 A Stromwandler	Modbus RTU
	SDM630 Series Single/Three Phase 100A MID (MID Certified)	bis 100 A direkt	Modbus RTU
	SDM630MCT Series Single/Three Phase 1/5A CT Operated MID	1/5 A Stromwandler	Modbus RTU

Describe each sensor and specify the products or components it can be combined with.

1

Air/Water Heat Pump

4

Heat Accumulator

7

E-Storage (Battery)

2

Internal PV Connection & Battery Management

5

Building Connection

8

H2 Compressor

3

Energy Management System (EMS) for Ecore control

6

Cold Accumulator

9

Electrolyser





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# Our Services

01

Registration and Approval Process  
of the Ecore One with the Authorities

02

24/7 Remote Monitoring  
& Fast Reaction Service Team

03

Full Maintenance Contract  
within Product Lifetime

04

Energy Management via  
Expansion Modules  
(Predictive Maintenance Module,  
Vacation Module, Energy Sharing Module)

05

Ecore One Leasing,  
Contracting Solution



# Contact

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