

# Enertex® EibPC<sup>2</sup>

Much more than logic and visualization

Your control center for the  
KNX smart home: energy,  
IoT and much more



**NEW**

Long-term recording of meter values for energy and consumption data, modern designs for a more appealing visualization, and conveniently configurable time switches. In addition, the Enertex® EibPC<sup>2</sup> now supports HTTP callbacks as well as text-to-speech and dialogs within the visualization.

Make the Enertex® EibPC<sup>2</sup> your energy management center. In addition to functions for web APIs and Modbus TCP, the Enertex® EibPC<sup>2</sup> supports MQTT as a broker and client. For example, it can record the current power consumption data in combination with the Enertex® KNX SmartMeter<sup>2</sup> and control an electric car charging station or inexpensive WiFi sockets as needed.

Much more than logic and visualization for your KNX smart home: Enertex® EibPC<sup>2</sup>

The Enertex® EibPC<sup>2</sup> handles all standard tasks such as scenes, timers, time-based control, or freely configurable logic. KNX Data Secure allows encrypted communication with your KNX Secure devices.

Furthermore, it serves as an interface for PV inverters, battery storage systems, or smart sockets. With the web visualization, you always keep an overview, whether on your smartphone or PC.

Quality made in Germany



**enertexbayern** gmbh  
simulation. entwicklung. consulting.

# enertex EibPC<sup>2</sup>

## Hardware

- DIN rail mount, 4 modules
- OLED display shows device parameters, e.g., IP-Address
- Integrated KNX TP interface
- Bus-powered, no additional power supply required
- Power consumption 1.8 W (typical workload)
- Ethernet switch with two RJ45 ports (10/100 Mbit/s)

## KNX features

- **NEW** KNX Data Secure for encrypted group communication
- Up to 65.000 objects
- Scenes, timers, schedules, logic machine, presence simulation, long-term recording of telegrams, export telegrams on FTP server
- KNX IP Interface to program other devices using ETS

## Network features:

- Modbus TCP Master, Slave (e.g., for PV inverter, solar batteries)
- Easy integration of http(s) Web-APIs (REST)
- MQTT Broker, Client to integrate IoT devices (e.g., Shelly)
- Control KEBA EV charger, PV surplus charging
- Online weather forecast
- OpenVPN server, TCP/UDP, e-mail and Telegram notifications

## Visualization

- Responsive web visualization (http, https)
- **NEW** Long-term recording of meter readings (energy, consumption)
- **NEW** New designs
- **NEW** Time switches with convenient configuration
- **NEW** HTTP callbacks (webhooks), text-to-speech, dialogs
- DoorBird video doorbell: ring, camera and intercom in visualization
- RTSP to show video stream of IP cameras from many vendors

## Enertex® EibStudio:

- Free configuration tool for Windows, Linux
- Visual editor for logic and visualization
- Debugger, group monitor
- Code-based programming with more than 1200 ready-to-use Macros for typical tasks like heating and cooling, shading, lighting
- Import projects created with the successful Enertex® EibPC

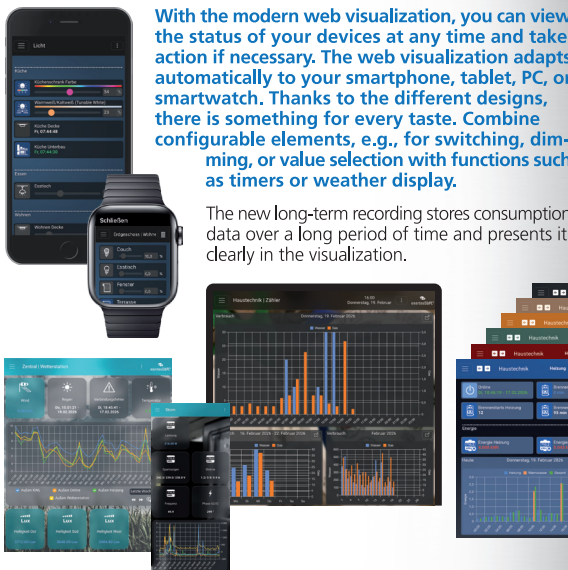
## Features

The Enertex® EibPC<sup>2</sup> guarantees reliability and performance for many years of complex tasks. Compact and economical with DIN rail mount (4 modules) and typical 1.8 watts power consumption.

The integrated KNX bus coupler with an additional free tunnel connection for the ETS avoids the need for an extra interface and serves as a power supply for the device. Important information can be read directly on the display.

With the modern web visualization, you can view the status of your devices at any time and take action if necessary. The web visualization adapts automatically to your smartphone, tablet, PC, or smartwatch. Thanks to the different designs, there is something for every taste. Combine configurable elements, e.g., for switching, dimming, or value selection with functions such as timers or weather display.

The new long-term recording stores consumption data over a long period of time and presents it clearly in the visualization.

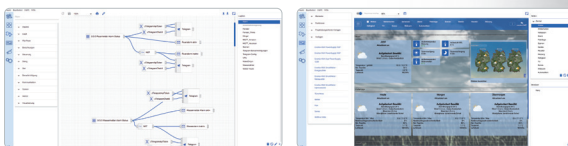


With ready-to-use page templates and ETS sample projects for many Enertex products, e.g., KNX SmartMeter<sup>2</sup> or KNX HV Dimmer, you can create an appealing device visualization in seconds. The Enertex® EibPC<sup>2</sup> supports DoorBird intercoms with video and duplex audio directly in the visualization. IP cameras from many vendors are integrated with RTSP.



## Enertex® EibStudio

The parameterization software Enertex® EibStudio allows clear and comfortable programming.



With graphical logic modeling and the visualization editor, you quickly achieve the desired result. Errors are avoided without restricting the user. Text-based programming is also possible. The entire configuration is project-based, simplifying the management of multiple installations.

**Enertex® EibStudio is available for free for Windows and Linux.**

<sup>2</sup>Errors and technical changes reserved.  
Figures and photos may vary.

