

Enertex® EibPC²

Much more than logic and visualization

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



NEW

The redesigned web visualization automatically adapts to your devices – whether smartphone, tablet, PC, or smartwatch. Doorbird intercoms with video and duplex audio directly in the browser.

Make the Enertex® EibPC² your energy management center. In addition to functions for web APIs and Modbus TCP, the Enertex® EibPC² now also supports MQTT as a broker and client. For example, it receives the current power consumption data from the Enertex® KNX SmartMeter and controls the electric car charging station or inexpensive Wifi sockets as needed.

Much more than logic and visualization for your KNX smart home: Enertex® EibPC²

The Enertex® EibPC² handles all standard tasks such as scenes, timers, time-based control, or freely configurable logic. 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 EibPC²

- **Hardware:**
 - DIN rail mount, 4 SU
 - ARM processor for industrial applications, 8 GB flash memory
 - 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 jacks
- **KNX features:**
 - 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:**
 - Responsive web visualization (http, https)
 - Doorbird video doorbell: ring, camera and intercom in visualization
 - 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
- **Enertex® EibStudio:**
 - Free configuration tool for Windows, Linux, macOS
 - 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 ARM industrial processor and 8 GB flash memory guarantee reliability and performance for many years of complex tasks. Compact and economical with 4 SU 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 in the distribution panel.



With the modern web visualization, you can view the status of your devices at any time and take action if necessary, without needing to install an extra app on each device. Combine configurable elements, e.g., for switching, dimming, or value selection with functions such as timers or weather display.

With ready-to-use page templates and ETS sample projects for Enertex products, e.g., Enertex® KNX SmartMeter or Enertex® KNX PowerSupply you can create an appealing device visualization in seconds.

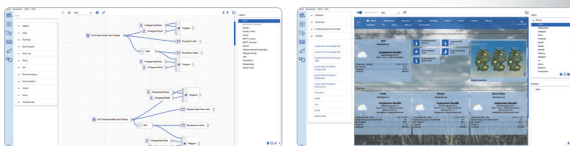


The Enertex® EibPC² supports Doorbird intercoms with video and duplex audio directly in the visualization.



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, Linux and macOS.

*Errors and technical changes reserved.
Figures and photos may vary.

