

Control*micro*

UNLIMITED VARIETY IN SMALL DIMENSIONS

- All-in-one package of KNX server, IP router, smart home app and visualisation
- 8" Full HD touch display
- Capable of all Windows and web-based visualisations
- Surface-mounted or flush-mounted installation

Powerful specs

Due to its slim format, the Controlmicro is ideal for room control. The 8-inch touch panel has high-quality specs and opens the door to a variety of possible applications, depending on the software used.

Choose between different device versions: the premium aluminium frame is available in black or silver, so you can adapt it to your interior. The panel is also equipped with LED ambient lighting on the frame, a CO2 sensor, a proximity sensor and – depending on the version – Wi-Fi or PoE. In addition, you have the option of operating the Controlmicro as a stand-alone room controller that does not require an external server or an IP router. A KNX interface and the YOUVI Basic software package included make this possible.

If you already have a control centre or an external KNX server, you can connect the Controlmicro as a client version. With Windows IoT Enterprise LTSC, you have an ideal basis for running the visualisation of your choice on the panel. You also benefit from features provided by Windows, such as night mode or touch gestures.

The entire control panel is made of high quality materials and contains the latest components, such as a 1200 x 1920 px display with a capacitive touch screen as well as speakers and microphone. The Controlmicro can be used flexibly and in a variety of ways: from classic home control to use in hotels, bars or office buildings. Thanks to fanless cooling, operation is completely silent. The glass front and the finely crafted aluminium housing give the touch panel a timeless elegance, effortlessly complementing any home environment.

Smart software

The hardware is rounded off by the specially matched YOUVI Basic software. With this software, you can conveniently and centrally control the (RGBW) light, blinds, temperature or ventilation – simply via your customisable dashboard on the touch panel or via the app.

Thanks to the intuitive interface, all features are easily accessible and you hardly need to do any navigation. Furthermore, you can access any websites you like via YOUVI and integrate them into the user interface. You can also keep an eye on all the energy flows in the building via a special widget. This way, you always know what is currently being consumed in your house, how much electricity the solar system is generating, and how much energy is required from the power grid.

YOUVI Basic can be expanded as required with various add-ons. The logic module makes many manual operations super-fluous. Save morning and evening routines and have these play out automatically. Or create alert functions, simulations of someone being at home and individual scenes.

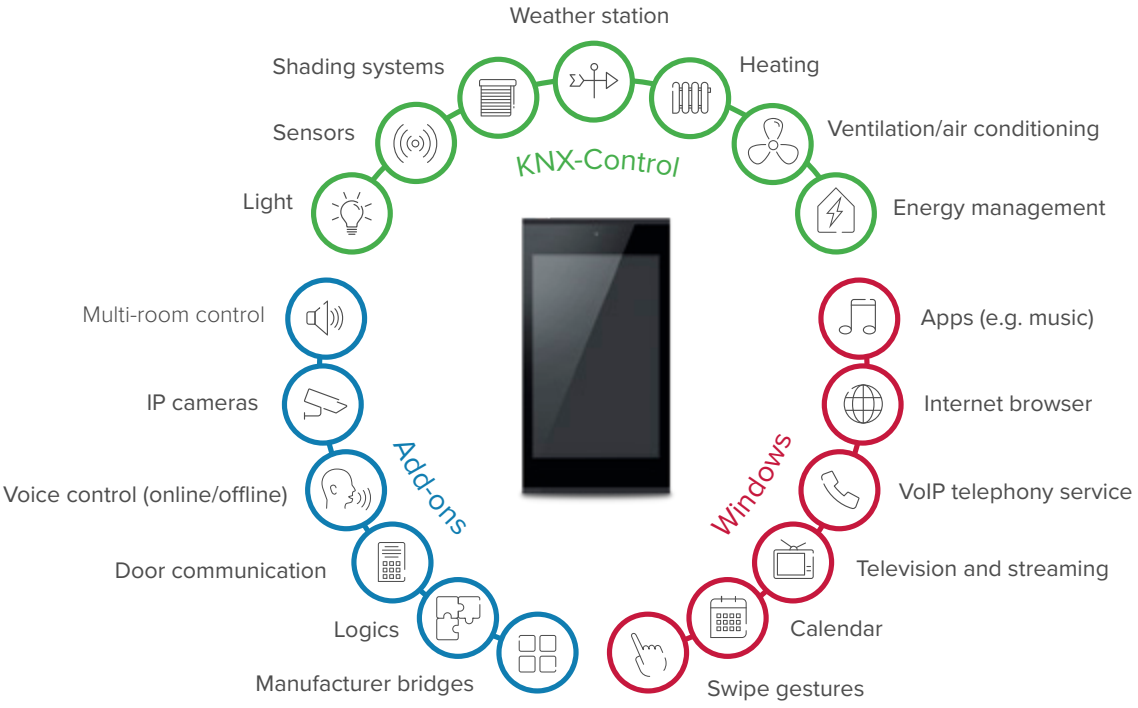
Additional add-ons allow you to use additional features: from video surveillance with IP cameras to door communication to controlling your smart home via voice command or with the app on the go. The music player for Sonos or trivum can be used to realise a multiroom control system that turns the Controlmicro into a comprehensive multimedia device.

Capable of further visualisations

Furthermore, other visualisations can be easily used, runnig as a web application or Windows client on the Controlmicro. A large selection is available here, such as Home Assistant or visualisations of the Gira HomeServer or X1. This allows you to expand the features of the panel based on your individual requirements.

Convenient assembly

The Controlmicro is easily mounted via a commercially available switch box, thus saving you labourous chiselling and installation work. For a particularly premium look, it is also possible to install the Controlmicro flush-mounted in the wall.



YOUVI

A visualisation in which even new users can quickly and intuitively find their way around. The interface, with its smart design, shows you everything you need for uncomplicated building control.

The music player makes it possible to control the playing of music in the individual rooms and to keep an eye on it all.

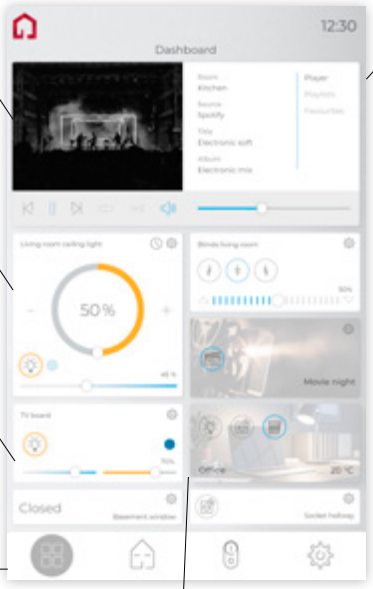
You can use the Controlmicro and YOUVI in portrait or landscape mode, as desired.

Always have a live view of how much energy is being consumed or recovered in your home.

Each tile is available in two different sizes.

Use the room buttons to go directly to your desired room and control groups of lights, shutters and more without having to navigate a lot.

Take advantage of the clear navigation bar, which is divided into trades, floors and a custom dashboard.





Various sensors for, e.g., humidity, brightness and wind speed, as well as binary sensors for window and door contacts are supported.

Ventilation systems are presented clearly and make it easier to control your indoor air quality.

In addition to controlling roller shutters, blinds, (RGBW) dimmers, lights, switches and heaters, you can also easily integrate the weather station.

Automatic set-up via ETS import function

Light or dark design

Dashboard freely editable via drag-and-drop





Dark mode
You prefer dark designs? Then simply switch to dark mode. The dark theme not only looks elegant, it is also more gentle to your eyes in a dark environment.

THE YOUVI
ADD-ON PRINCIPLE

With the YOUVI add-ons, we offer you exactly the features you need. YOUVI Basic covers the most common building control tasks. The additional add-ons make it possible to expand the functionality as required. This gives you a building control system that is precisely tailored to you. The add-ons need only be purchased once per building setup.

YOUVI BASIC

Visualisation For an easy control of lights, dimmers, RGB(W) luminaires, shading, heating, sockets and ventilation systems. Available in English, French and German.	✓
Bus monitor For quick troubleshooting on the KNX bus.	✓
IP router For connecting to the KNX network without extra hardware.	✓

ADD-ONS

Connect module For control via voice command (online or offline) or with the YOUVI app on the go.	Optional
Camera module For connecting surveillance cameras.	Optional
Logic module For easily creating if-then routines.	Optional
Door station module For simple video door communication in the best sound quality.	Optional
Device bridges For integrating devices outside the KNX standard. For more information on the device bridges, visit **peaknx.com/youvi**.	Optional



Control your home comfortably with the YOUVI mobile app. This is available free of charge for Android and iOS smartphones and for use in your own home network. The app is available in a light and dark design.


Dashboard
12:30
Office
20 °C
TV board
70%
Living room ceiling light
50 %
45 %
Living room ceiling light
All heaters
20 °C
Tomorrow
Saturday
Sunday
0 °C
Socket hallway
Air conditioning
0
1
2
3
50 %
Auto
good
50%
19 °C
21 °C | Desired value
Blinds living room
50%

AT A GLANCE

Technical data

Specification

- Intel Quad-Core processor
- eMMC memory with 64 GB
- 4GB main memory
- 8 inch TFT LED LCD panel
- Resolution: 1200 x 1920 pixels
- Multi-touch through PCAP touch technology
- Stereo loudspeaker and microphone
- WLAN: 2.4GHz and Bluetooth: 4.0*
- Fanless cooling by convection
- Integrated CO2 sensor
- Adaptive brightness
- Proximity sensor
- High-quality aluminium housing
- Anti-theft protection
- LED ambient lighting

*Only included with 24 V supply

Software

- Operating system: Windows IoT Enterprise LTSC
- YOUVI Basic software package consisting of visualisation, IP router and bus monitor (add-ons can be purchased seperately)

Ports

- 100 Mbit Ethernet
- MicroSD card slot
- 1 x KNX

Dimensions

- Suitable switch box for mounting: Standard screw spacing: 60 mm, depth: min. 35 mm

Power supply

- 24 V variant: 24 V DC/2.4 A
- PoE variant: PoE according to 802.3at or 802.3bt

Compatibility

Visualisations

Any Windows or web-based, e. g.:

- Gira QuadClient (as of GIRA Homeserver Version 4.11, only the display in landscape format is supported)
- Home Assistant, openHAB and many more...

Cameras

IP streams in RTSP, JPG and MJPG format, e. g. from:

- Hikvision
- Axis
- Lupus
- Mobotix and many more...

Door communication

All SIP-enabled DCS, for example:

- Gira DCS incl. DCS-IP Gateway (in connection with Gira software)
- Doorbird IP Video Door station
- AGFEO IP-Video TFE
- Wantec Monolith C IP
- Mobotix T25 and many more...

Music software

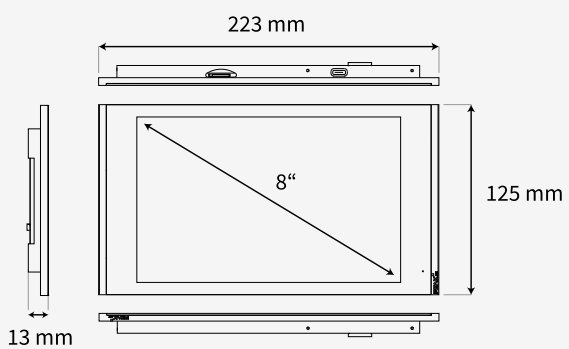
Windows or web-based software:

- Apple iTunes, Spotify, Sonos and many more ...

Mounting boxes

Adapter available for mounting boxes like the UP-KAST2 or JUNG EBG 24 for replacing, e.g.:

- Gira InfoTerminal Touch
- Merten Touch Panel 7
- ABB/Gira/Berker MT701, and many more...



- Reliable, noiseless operation
- Simple surface-mounted installation on a standard switch box or completely flush with the wall
- Can be mounted both horizontally and vertically
- Software package YOUVI Basic with visualisation, IP router and bus monitor software included
- Due to KNX connection and YOUVI no additional server or IP router is required
- Compatible with many other visualisations and SIP door stations
- Easy display of surveillance cameras and other multimedia applications