

thinknx

Commercial Catalogue



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THINKNX SUPERVISION SYSTEM

ThinKnx is a universal, multi-purpose supervisor for building automation that allows to manage all the functions of the systems integrated into your smart home or building. The different functions of home automation are handled by ThinKnx through a simple, appealing and highly customizable multi-platform interface that allows to intimately and freely interact with the system through your tablet, iPhone, Android devices or Windows PC.

Common built-in features to all servers:

- Linux operating system
- direct connection to the KNX bus (no need of separate IP gateway)
- unlimited clients for PC, Windows touch screens, iPad/iPhone & Android devices
- KNXnet/IP interface/router (optional for Trend Line devices)
- unlimited KNX groups control
- electrical switching
- dimming regulation
- RGB LED control through KNX or other buses
- blinds and lamellae control
- heating and cooling management with weekly timer
- generic timers in calendar and clock mode
- weather forecast
- irrigation module
- load control (Attention: measuring unit not included)
- scenes creation and management through application
- advanced logical functions (only for Micro, Compact, Rack and Envision)
- reading and sending of analogue values
- visualization of IP Cameras with MJPEG or RTSP video flow
- universal SMS gateway for integrated systems
- management of technical alarms with Push notification messages (iOS), email and automatic page change
- integration of IR TRANS and Global Caché devices to control TVs, Blurays, Apple TV, etc. directly from ThinKnx client interface
- voice control
- Ethernet gateway
- Public API for integration with third party systems
- IFTTT, MQTT services
- Access control through any KNX keypad or Wiegand

SERVICES INCLUDED

In addition to standard services, new important features have been implemented in order to simplify the system management, both for the end user and the installer.

These services are all for free.

ThinKnx Cloud:

- **Remote control:** automatic connection of the clients to the server without any port forwarding or router configuration.
- **Remote update:** seamless distribution of projects from configurator to server and all the clients wherever they are.
- **Data Storage:** collection of user data and storage into a safe DB in order to be viewed from a client device.
- **Remote KNX programming**
- **Dynamic DNS:** free dynamic DNS service.
- **Push notifications** for all platforms
- **Connection with third-party Cloud** such as Amazon Alexa and Google home

ThinKnx Portal: it is the perfect solution for both the system integrator and the end user, with the aim to monitor multiple installations. It enables the installed servers to be virtually connected regardless of their physical location and controlled from a centralized ThinKnx user interface.

Each user has access to a completely customizable web page which collects data from the plant in the form of charts and reports. Recorded data can be filtered by selecting a specific time slot.

Moreover, it is possible to localize all the installed servers through a geographical map.

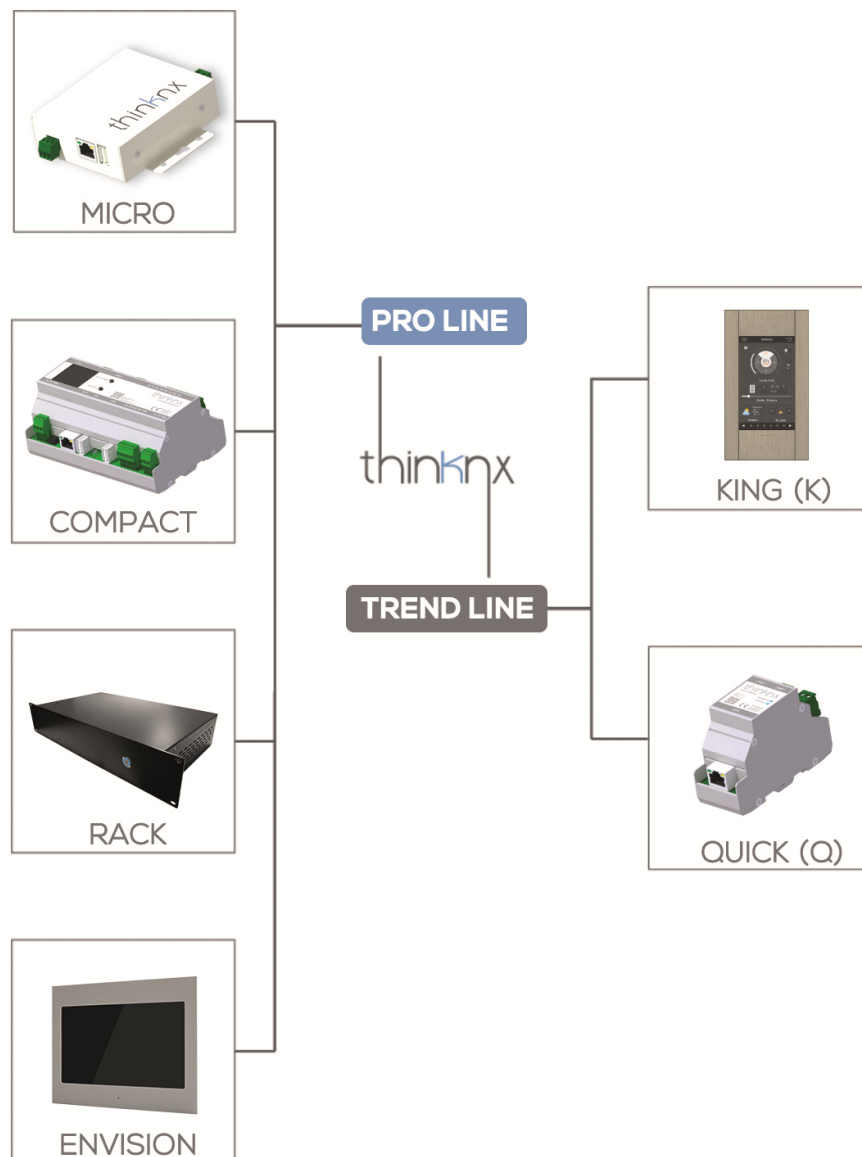
All the devices connected to each plant are detected through a list composed of serial number, active licenses and firmware version.

The user is also able to restart the server in case of failure or malfunction.

THINKNX DEVICES – PRO LINE

In order to meet the needs of simpler plants with limited budget, ThinKnx has created a new line of products, characterized by utmost ease of configuration, customization by the end user and moderate cost.

This is how the new ThinKnx **Trend Line** is born. It joins the well-know existing product line dedicated to the professional market, the so-called **Pro Line**.



CONTROLLERS

ThinKnx Micro Server



Completely restyled in its drive electronics, Micro has become a more powerful device, even more performing. Native KNX, it enables the user to control lights, blinds, thermostat and all the available functionalities of a professional automation plant. It is able to elaborate complex logic operations on the data read by KNX bus. Recorded data can also be stored and visualized through charts on the client's application, or sent via e-mail. Another important feature is the use of IR transmitters, which allows to control TVs and different multimedia devices through smart phones or tablets. This device also provides integration for IP doorcoms, Philips Hue and MyHome BTicino and much more.

Order Code:
MICRO_20

Box Dimensions:
14,5x13x11cm

Net Weight:
0,5Kg

Barcode:
8054633230893

Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- Powerful multicore CPU
- 1x KNX TP port
- 1x Ethernet 10/100 port
- 1x USB port
- KNX net/IP interface/router
- Real time internal clock
- KNX traffic led
- Power 9-24Vdc (power supply included)
- Desktop mounting



Upgrades for Micro Server



Doorcom and PBX



Philips Hue



MyHome BTicino



Sonos



Lutron



Extended report above 20MB



Z-Wave



VAI3-10: upgrade for 3 to 10 gates

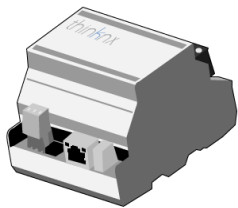


VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

ThinKnx Micro Din



In order to increase the flexibility of the installation also in plants where the positioning in the electrical cabinet is required, Micro server is available in a new format, for DIN rail mounting.

In an elegant case made of anodized aluminum and composed of four DIN modules which enhance the immunity to electrical disturbances, it is characterized by an utmost ease of installation, thanks to the removable clips and to the position of the connections.

Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- Powerful multicore CPU
- 1x KNX TP port
- 1x Ethernet 10/100 port
- 1x USB port
- KNX net/IP interface/router
- Real time internal clock
- KNX traffic led
- Power 9-24Vdc (power supply not included)
- 4 modules DIN rail mounting

Order Code:
MICRODIN

Box Dimensions:
14,5x13x11cm

Net Weight:
0,5Kg

Barcode:
8054633230909



Upgrades for Micro Din



Doorcom and PBX



Philips Hue



MyHome BTicino



Sonos



Lutron



Extended report above 20MB



Z-Wave



VIAVAI 3-10: upgrade for 3 to 10 gates



VIAVAI 11-50: upgrade for 11 to 50 gates



VIAVAI 51+: upgrade for over 51 gates

ThinKnx Compact Server



Compact allows an advanced automation and, in addition to all the functionalities available for the Micro Server, it also enables the connection with different worlds such as Modbus, Lutron, BTicino MyHome and other. Moreover, it supports connections with anti-theft systems and multimedia systems such as audio and video matrix; everything can be integrated following the logics chosen by the installer and by the end user.

Designed for high-performances, it does not have any limitations on the amount of configurable systems. The new 1.54" screen makes it easier to install, enabling the monitoring of the IP address and other technical information.

Order Code:
COMPACT_20

Box Dimensions:
28x22x8cm

Net Weight:
0,6Kg

Barcode:
8054633230916

Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- Powerful multicore CPU
- 1.54" Screen
- 1x KNX TP port
- 1x ethernet 10/100 port
- 2x USB ports
- 4x 6A@230Vac relays
- 4x digital outputs open collector
- 2x digital inputs
- 2x analog or digital inputs
- KNX net/IP interface/router
- Real time internal clock
- KNX traffic led
- Power 9-24Vdc (power supply included)
- Desktop mounting



Upgrades for Compact Server



Doorcom and PBX



Extended report above 20MB



Security



Automation



Z-Wave



Lutron



Philips Hue



MyHome BTicino



Full Web Page



VAI3-10: upgrade for 3 to 10 gates

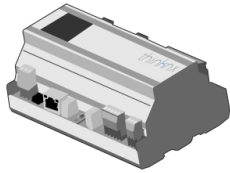


VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

ThinKnx Compact Din



In order to increase the flexibility of the installation also in plants where the positioning in the electrical cabinet is required, Compact server is available in a new format, for DIN rail mounting.

In an elegant case made of anodized aluminum and composed of eight DIN modules which enhance the immunity to electrical disturbances, it is characterized by an utmost ease of installation, thanks to the removable clips and to the position of the connections.

Order Code:
COMPACTDIN

Box Dimensions:
28x22x8cm

Net Weight:
0,6Kg

Barcode:
8054633230923

Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- Powerful multicore CPU
- 1.54" Screen
- 1x KNX TP port
- 1x ethernet 10/100 port
- 2x USB ports
- 4x 6A@230Vac relays
- 4x digital outputs open collector
- 2x digital inputs
- 2x analog or digital inputs
- KNX net/IP interface/router
- Real time internal clock
- KNX traffic led
- Power 9-24Vdc (power supply not included)
- 8 modules DIN rail mounting



Upgrades for Compact Din



Doorcom and PBX



Extended report above 20MB



Security



Automation



Z-Wave



Lutron



Philips Hue



MyHome BTicino



Full Web Page



VAI3-10: upgrade for 3 to 10 gates

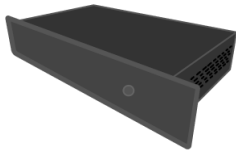


VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

ThinKnx Rack Server



When many systems have to be integrated in the same building, Rack is the ideal solution for all the plants where a high number of integrations and available features coexist.

With a lot of external ports to connect different systems or devices, the Rack grants the highest performance and the best automation for the smart building. It embeds all the features of the other ThinKnx server models without restrictions.

Order Code:
RACK

Box Dimensions:
50x33x9,5cm

Net Weight:
4Kg

Barcode:
8054633230022

Technical features:

- Fanless processing device optimized for continuous operation
- Industrial mass memory
- KNX net/IP interface/router
- Suite Thinknx PRO
- Linux Operating System
- External power supply 230V AC
- 1x native EIB/KNX port with direct connection through clips
- 2x serial ports configurable for RS232 or RS485
- 1x serial port RS232 DB9 pins
- 4x USB ports
- 2x Ethernet ports



Upgrades for Rack



Security



Extended report above 20MB



Lutron



Philips Hue



MyHome BTicino



Z-Wave



VAI3-10: upgrade for 3 to 10 gates



VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

Accessories for Compact and Rack



- USB adapter for RS232 (Security)
- USB adapter for RS485 (Modbus)

Order Code:
ENUSB-RS232
Barcode:
8054633230879

Order Code:
ENUSB-RS485
Barcode:
8054633230886

ENVISION TOUCH



Let's welcome a new generation of Envision!

The entire range of Envision Touch panels has been renovated starting from the hardware components that have been implemented with new processors and mind-blowing electronic boards which push the boundaries of what an Envision Touch panel can do.

New implementations on internal loudspeaker and microphone permit to use the Envision as intercom client allowing it to communicate with any VoIP (SIP) doorcom units and with the major IP intercoms supported.

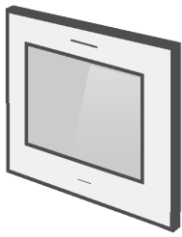
Temperature, humidity and ambience luminosity sensors, already on board, allow the use of Envision as a thermostat.

Available as 7" or 10" screen, and from the second semester of the year as 11" screen, either server or client, it is characterized by a modern design and high-quality materials that make it the ultimate solution to suit any customers' request.

Together with the Envision Touch panel, the range of frames for the Envision Touch panel has been broadened, too, with the addition of new materials and colours.

Tailor-made by Italian artisans with high care for detail, the new generation of frames has a unique design and a mind-blowing cutting which makes them perfect to be installed in any location.

ThinKnx Envision 7 Server



Envision Touch Server is an all-in-one Touch Server able to grant the comfort of a touch user interface and the powerful features of a ThinKnx server, all in one device.

Through Envision, the end user is able to control all the installed devices, thanks to the comfortable touch screen with a low power consumption.

The main feature of the Envision touch server is the bidirectional interaction between KNX protocol and all other supported devices, such as Philips Hue, MyHome BTicino, Z-Wave, Modbus e Lutron.

Its built-in sensor board, loudspeaker and microphone enable the use of Envision as doorcom unit and thermostat at the same time.

Thanks to the integration of third-party systems, Envision can also be used as indoor station for the anti-theft system.

One single device for multiple interactions.

Order Code:
ENVISION7_20

Box Dimensions:
28x22x8cm

Net Weight:
1,1Kg

Barcode:
8054633230930

Technical features:

- Octa-core Cortex A53 CPU
- Capacitive touch screen 7.0" TFT, visible area 155x87mm, 1024x600 resolution
- Suite Thinknx PRO
- Linux operating system
- KNX net/IP interface/router
- 1x native EIB/KNX port with direct connection through clips
- 1x network port
- 1x USB port
- 1x RS232 port
- 1x RS485 port
- Consumption 10W Max
- Temperature sensor
- Humidity sensor
- Ambience luminosity sensor
- Power: 12-24VDC - 1.5A Max (power supply not included)



Upgrades for Envision 7 Server



Extended report above 20MB



Security



Automation



Z-Wave



Lutron



Philips Hue



Audio/Video



Doorcom and PBX



Sonos



MyHome BTicino



VIAVAI 3-10: upgrade for 3 to 10 gates



VIAVAI 11-50: upgrade for 11 to 50 gates



VIAVAI 51+: upgrade for over 51 gates

ThinKnx Envision 7 Client



Envision Client is a touch screen device aimed to be used with any ThinKnx Server for project visualization only. It is made from the same high-quality materials used for Envision Server. It is only equipped with an Ethernet port, a microphone and a speaker which make it ideal for an intercom client or a fancy addition to the furnishings.

Its built-in sensor board, loudspeaker and microphone enable the use of Envision as doorcom unit and thermostat at the same time.

Technical features:

- Octa-core Cortex A53 CPU
- Capacitive touch screen 7.0" TFT, visible area 155x87mm, 1024x600 resolution
- Suite Thinknx PRO
- Linux operating system
- KNX net/IP interface/router
- 1x network port
- 1x USB port
- Consumption 10W Max
- Temperature sensor
- Humidity sensor
- Ambience luminosity sensor
- Power: 12-24VDC – 1.5A Max (power supply not included)

Accessories for Envision7 / 7_C

FRAMES

Frames are available in anodized aluminum, Fenix NTM standard colours and Fenix NTA finishing, characterized by the elegant and resistant metallic topcoat.

Customization of materials and colors available upon request.

ANODIZED ALUMINUM

ORDER CODE	DESCRIPTION	BARCODE
ENVISION7F8_B_AL	Black frame for Envision 7" Black anodized aluminum frame	8054633230954
ENVISION7F8_S_AL	Silver frame for Envision 7" Raw anodized aluminum frame	8054633230961
ENVISION7F8_D_AL	Dark grey frame for Envision 7" Anthracite anodized aluminum frame	8054633230985
ENVISION7F8_G_AL	Golden frame for Envision 7" Golden bronze anodized aluminum frame	8054633230978

Order Code:
ENVISION7_C_20

Box Dimensions:
28x22x8cm

Net Weight:
1,1Kg

Barcode:
8054633230947



Common features:

Dimensions:
184x145x8mm

Net Weight:
0,1Kg



FENIX NTM

ORDER CODE	DESCRIPTION	BARCODE
ENVISION7F8_0720	Black frame NTM for Envision 7" Full black matt FENIX NTM frame	8054633230992
ENVISION7F8_0029	White frame NTM for Envision 7" Warm white matt FENIX NTM frame	8054633231005



FENIX NTA

ORDER CODE	DESCRIPTION	BARCODE
ENVISION7F8_5000B	Steel frame NTA black core for Envision 7" Steel Hamilton FENIX NTA frame	8054633231029
ENVISION7F8_5001B	Silver frame NTA black core for Envision 7" Silver Dukat FENIX NTA frame	8054633231012
ENVISION7F8_5003B	Golden frame NTA black core for Envision 7" FENIX NTA Oro Cortez, core nero	8054633231036



POWER SUPPLY



Internal power supply unit for Envision touch devices.
It can be mounted directly inside the box.
Article: Mean Well, LPH-18-12

- DC Voltage: 12Vdc
- AC Voltage: 180-264Vac
- Rated power: 18W
- Protection : Overload, Overvoltage, Overheating

Order Code:
ENVISIONPOW

Net Weight:
0,1Kg

Barcode:
8054633230305

WALL MOUNT BOX



Plastic wall mount box for Envision 7 Server and Envision 7 Client. It can be substituted by plastic box from Gewiss article GW48005.

Order Code:
ENVISION7BOX

Ext Dimensions:
160x130x60mm

Net Weight:
0,1Kg

Barcode:
8054633230299

SERIAL PORT ADAPTERS



Only for Envision Touch 7 Server:

- USB to RS232 serial port adapter (Security)
- USB to RS485 serial port adapter (Modbus)

Order Code:
ENUSB-RS232
Barcode:
8054633230879

Order Code:
ENUSB-RS485
Barcode:
8054633230886

SAMPLE FRAME KIT



Sample frame kit of anodized aluminum, Fenix NTM and Fenix NTA.

Order Code:
ENFRAMEKIT

Barcode:
8054633230541

ThinKnx Envision 7 Retrofit Server/Client



Envision7 Retrofit is the version of Envision7 Touch panel designed specifically for being mounted on wall mount box article Kaiser or Agro 9926.90.

Available in both server and client version.

Technical features:

- Octa-core Cortex A53 CPU
- Capacitive touch screen 7.0" TFT, visible area 155x87mm, 1024x600 resolution
- Suite Thinknx PRO
- Linux operating system
- KNX net/IP interface/router
- 1x native EIB/KNX port with direct connection through clips
- 1x network port
- 1x USB port
- 1x RS232 port
- 1x RS485 port
- Consumption 10W Max
- Temperature sensor
- Humidity sensor
- Ambience luminosity sensor
- Power: 12-24VDC – 1.5A Max (power supply not included)

Order Code:
ENVISION7R_20
Barcode:
8054633231043

Order Code:
ENVISION7R_C_20
Barcode:
8054633231050

Box Dimensions:
28x22x8cm

Net Weight:
1,1Kg



Upgrades for Envision 7 Retrofit Server



Extended report above 20MB



Security



Automation



Z-Wave



Lutron



Philips Hue



Audio/Video



Doorcom and PBX



Sonos



MyHome BTicino



VAI3-10: upgrade for 3 to 10 gates



VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

Accessories for Envision7R / 7R_C

FRAMES

Frames are available in Fenix NTM.

Customization of materials and colors available upon request.

FENIX NTM

ORDER CODE	DESCRIPTION	BARCODE
ENVISION7RF8_0720	Black frame NTM for Envision 7”R Full black matt FENIX NTM frame	8054633231067
ENVISION7RF8_0029	White frame NTM for Envision 7”R Warm White matt FENIX NTM	8054633231074

Common features:

Dimensions:
214x155x8mm

Net Weight:
0,1Kg



POWER SUPPLY



Internal power supply unit for Envision touch devices.
It can be mounted directly inside the box.
Article: Mean Well, LPH- 18-12

- DC Voltage: 12Vdc
- AC Voltage: 180-264Vac
- Rated power: 18W
- Protection : Overload, Overvoltage, Overheating

Order Code:
ENVISIONPOW

Net Weight:
0,1Kg

Barcode:
8054633230305

SERIAL PORT ADAPTERS



Only for Envision Touch 7R Server:

- USB to RS232 serial port adapter (Security)
- USB to RS485 serial port adapter (Modbus)

Order Code:
ENUSB-RS232
Barcode:
8054633230879

Order Code:
ENUSB-RS485
Barcode:
8054633230886

WALL MOUNT BOX



Wall mount box Agro 9926.90 for Envision 7R Server and Envision 7R Client. It can be replaced by Kaiser model.

Order Code:
ENVISION7RBOX

Ext Dimensions:
195x140x56mm

Net Weight:
0,1Kg

Barcode:
8054633231494

ThinKnx Envision 10 Server



Envision Touch Server is an all-in-one Touch Server able to grant the comfort of a touch user interface and the powerful features of a ThinKnx server, all in one device.

Through Envision, the end user is able to control all the installed devices, thanks to the comfortable touch screen with a low power consumption.

The main feature of the Envision touch server is the bidirectional interaction between KNX protocol and all other supported devices, such as Philips Hue, MyHome BTicino, Z-Wave, Modbus e Lutron.

Its built-in sensor board, loudspeaker and microphone enable the use of Envision as doorcom unit and thermostat at the same time.

Thanks to the integration of third-party systems, Envision can also be used as indoor station for the anti-theft system.

One single device for multiple interactions.

Order Code:
ENVISION10_20

Box Dimensions:
28x22x8cm

Net Weight:
1,3Kg

Barcode:
8054633231340



Technical features:

- Octa-core Cortex A53 CPU
- Capacitive touch screen 10", visible area 217x136mm, 1280x800 resolution
- Suite Thinknx PRO
- Linux operating system
- KNX net/IP interface/router
- 1x native EIB/KNX port with direct connection through clips
- 1x network port
- 1x USB port
- 1x RS232 port
- 1x RS485 port
- Consumption 10W Max
- Temperature sensor
- Humidity sensor
- Ambience luminosity sensor
- Power: 12-24VDC – 1.5A Max (power supply not included)

Upgrades for Envision 10 Server



Extended report above 20MB



Security



Automation



Z-Wave



Lutron



Philips Hue



Audio/Video



Doorcom and PBX



Sonos



MyHome BTicino



VAI3-10: upgrade for 3 to 10 gates



VAI11-50: upgrade for 11 to 50 gates



VAI51+: upgrade for over 51 gates

ThinKnx Envision 10 Client



Envision Client is a touch screen device aimed to be used with any ThinKnx Server for project visualization only. It is made from the same high-quality materials used for Envision Server. It is only equipped with an Ethernet port, a microphone and a speaker which make it ideal for an intercom client or a fancy addition to the furnishings.

Its built-in sensor board, loudspeaker and microphone enable the use of Envision as doorcom unit and thermostat at the same time.

Technical features:

- Octa-core Cortex A53 CPU
- Capacitive touch screen 10", visible area 217x136mm, 1280x800 resolution
- Suite Thinknx PRO
- Linux operating system
- KNX net/IP interface/router
- 1x network port
- 1x USB port
- Consumption 10W Max
- Temperature sensor
- Humidity sensor
- Ambience luminosity sensor
- Power: 12-24VDC - 1.5A Max (power supply not included)

Accessories for Envision10 / 10_C

FRAMES

Frames are available in anodized aluminum and Fenix NTM.

Customization of materials and colors available upon request.

ANODIZED ALUMINUM

ORDER CODE	DESCRIPTION	BARCODE
ENVISION10F_B	Black frame for Envision 10" Black anodized aluminum frame	8054633230404
ENVISION10F_S	Silver frame for Envision 10" Raw anodized aluminum frame	8054633230411
ENVISION10F_D	Dark grey frame for Envision 10" Anthracite anodized aluminum frame	8054633230428
ENVISION10F_G	Golden frame for Envision 10" Golden bronze anodized aluminum frame	8054633230534

Order Code:
ENVISION10_C_20

Box Dimensions:
28x22x8cm

Net Weight:
1,2Kg

Barcode:
8054633231357



Common features:

Dimensions:
250x191x6mm

Net Weight:
0,2Kg



FENIX NTM

ORDER CODE	DESCRIPTION	BARCODE
ENVISION10F_0720	Black frame NTM for Envision 10" Full black matt FENIX NTM frame	8054633230664
ENVISION10F_0029	White frame NTM for Envision 10" Warm white matt FENIX NTM frame	8054633230756



POWER SUPPLY



Internal power supply unit for Envision touch devices.
It can be mounted directly inside the box.
Article: Mean Well, LPH-18-12

- DC Voltage: 12Vdc
- AC Voltage: 180-264Vac
- Rated power: 18W
- Protection : Overload, Overvoltage, Overheating

Order Code:
ENVISIONPOW

Net Weight:
0,1Kg

Barcode:
8054633230305

WALL MOUNT BOX



Wall mount box for Envision 10" and 11" both Server and Client. It can be replaced by Legrand-BTicino articles TC16206 o TC16102.

Order Code:
ENVISIONBOX10_11

Ext Dimensions:
218x154x69mm

Net Weight:
0,2Kg

Barcode:
8054633230336

SERIAL PORT ADAPTERS



Only for Envision Touch 10 [Server](#)

- USB to RS232 serial port adapter (Security)
- USB to RS485 serial port adapter (Modbus)

Order Code:
ENUSB-RS232
Barcode:
8054633230879

Order Code:
ENUSB-RS485
Barcode:
8054633230886

SAMPLE FRAME KIT



Sample frame kit of anodized aluminum, Fenix NTM and Fenix NTA.

Order Code:
ENFRAMEKIT

Barcode:
8054633230541

ENVISION MERTEN KIT

Kit for Envision Touch 10" composed of anodized aluminum frame and adapter, for wall mount art. MTN 683090, 683091 (208x238x68), art. 683092 (205x235x72).

Order Code:
ENVISIONMERTENKIT

Barcode:
8054633231081

UPGRADES FOR CONTROLLER AND TOUCH PANELS



Security

It allows to make a bidirectional control between KNX and all alarm devices integrated into the ThinKnx system. All feedbacks from sensors are available on KNX. Sending telegrams is possible in case of emergency or when an event is triggered. Activating/deactivating alarm devices is available through a 14-byte string.

Integrated security systems:

- Bentel: Kyo8, Kyo16, Kyo32, Kyo320
- Brahms: B4 – CMP16, CMP32, CMP64
- Tecnoalarm: TP16-256, TP8-64 (Tecno Out Protocol)
- Elkron: MP508TG
- Aritech models: Master Advisor and Advanced
- Honeywell Galaxy Dimensions models
- Inim
- Urmet 1067
- Paradox
- Siemens SPC
- AVS Electronics XTream640
- Elmo
- IESS (Genio)

Order Code:
UPSW1.1

Barcode:
8054633230046



Doorcom and PBX

It allows ThinKnx clients to receive VoIP calls coming from devices with VoIP technology, such as VoIP telephones, IP intercoms (TCS, 2N, Mobotix). It also enables the VoIP PBX (SIP Server) function that handles VoIP calls on the server.

It allows to manage the doorcom functionality among different devices where the ThinKnx interface is installed.

Integration of SIP VoIP door stations for Windows, iPad, iPhone and Android clients. Integration of door stations of:

- Mobotix
- 2N
- TCS
- Comelit
- DoorBird
- Standard SIP door stations

Order Code:
UPSW1.3

Barcode:
8054633230053



Automation

It allows to manage the interface with external systems that do not use the KNX protocol and it also enables the Ethernet gateway.

- Gateway from and to Modbus-RTU (serial or TCP/IP)
- Device with Modbus-RTU communication protocols (thermal power station, special plants, electrical meters) such as FCC-PLANTEC, RDZ, Menerga
- Sanyo cooling system
- Mitsubishi cooling system

Order Code:
UPSW2.1

Barcode:
8054633230077



Lutron

It allows the bidirectional connection of Lutron plants to KNX plants. The integration allows to associate KNX groups to Lutron lights, making the devices in the Lutron plant controllable from KNX buttons or supervision.

Both **Lutron HomeWorks** and **Lutron HomeWorks QS** have been integrated into ThinKnx systems and enable a bidirectional communication from KNX, in order to easily control lights and blinds.

Order Code:
UPSW2.2

Barcode:
8054633230084



Philips Hue

It allows to control the Philips Hue light system from KNX bus. It is possible to simulate RGB elements or white lamps configuring the colour temperature. The created elements can be integrated into the scenes and controlled from KNX devices.

Order Code:
UPSW2.3

Barcode:
8054633230091



Legrand – MyHome BTicino

It allows the bidirectional connection of Legrand-MyHome BTicino plants to KNX plants. Through easy-to-fit charts it is possible to set matching among the messages coming from the two worlds.

Order Code:
UPSW2.4

Barcode:
8054633230107



Sonos

It allows to control the Sonos systems from ThinKnx UI and to interact with the players also from KNX plants. Status like play, pause or shuffle, volume control, track descriptions and cover art are visible into the ThinKnx clients and available on KNX bus.

Order Code:
UPSW2.5

Barcode:
8054633230572



Report

It allows to generate reports that can be sent via mail in listing and graphical form. The server can also collect data that can be consulted in real-time directly from the user interface through interactive and responsive charts. The wide range of options available to create charts that support a large amount of data allows to deeply analyze the building behaviour and to find correlation between lifestyle and energy consumption.

Order Code:
UPSW4 CLOUD

Barcode:
8054633230589



Z-Wave

The server acts as a Z-Wave controller allowing to completely control all the nodes and the perfect integration with all the ThinKnx functionalities. One single interface for a complete control.

Order Code:
UPZWAVE

Barcode:
8054633230565



Full Web

It enables the control through web browser. It helps when the native software of the client device is not available.

Order Code:
UPWEB.FULL

Barcode:
8054633230114



Audio Video

It allows to manage audio and video devices installed in the plant. It also enables the serial gateway and Ethernet gateway features allowing the creation of custom commands in order to interface with most of the devices on the market. Integrated systems:

























- Audiofy
- Tutondo
- Multiroom audio/video matrix: AMX, Autopach, Kramer, Atlona, Gefen
- Denond, Onkyo, Cambridge Audio receivers
- Sonos player

Order Code:
UPSW2.6

Barcode:
8054633230763

LICENSE UPGRADES PER SERVER – TABLE VIEW

think**knx**

		 TrendLine Q/K	 Micro MicroDin	 Compact CompactDin	 Rack	" data-bbox="788 83 843 128"/> Envision 7"/>" data-bbox="788 143 843 153"/>
KNXNET/IP INTERFACE/ROUTER		O	Included	Included	Included	Included
UNL. KNX OBJECTS		Included	Included	Included	Included	Included
UNL. CLIENTS		Included	Included	Included	Included	Included
UPSW.IOT		O	Included	Included	Included	Included
IR TRANSMITTER		X	Included	Included	Included	Included
VOICE CONTROL		Included	Included	Included	Included	Included
VAI2		X	Included	Included	Included	Included
UPZWAVE		X	O	O	O	O
UPSW1.1		X	X	O	O	O
UPSW1.3		X	O	O	Included	O
UPSW2.1		X	X	O	Included	O
UPSW2.2		X	O	O	O	O
UPSW2.3		X	O	O	O	O
UPSW2.4		X	O	O	O	O
UPSW2.5		X	O	Included	Included	O
UPSW2.6		X	X	Included	Included	O
UPSW4 CLOUD		X	O	O	O	O
VAI3 -10		X	O	O	O	O
VAI11 -50		X	O	O	O	O
VAI51+		X	O	O	O	O

TREND LINE



ThinKnx family grows wider!

Alongside the **Pro Line**, the professional line of products already well known in the market, ThinKnx welcomes the new **Trend Line** composed of K (King) and Q (Quick) devices.

Born to meet the needs of simpler plants with limited budget, it is the perfect solution, extremely easy to configure and completely customizable by the end user.

Trend Line is a stand-alone solution and its native App can be downloaded on any mobile platform, being compatible with Android, iOS and Windows operating systems.

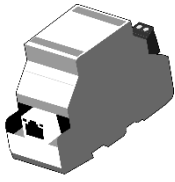
It is characterized by a simple graphics, of immediate understanding, and enables the managing of the most needed functionalities in a KNX plant.

Pages are composed of predefined widgets, with multiple customization options.

Temperature, humidity and proximity sensors considerably enhance the functionalities of the product, and allow to manage the home heating system acting as a thermostat.

K (King) device can also be used as a client for the Pro Line servers.

ThinKnx Quick



Designed as an entry-level solution for the control of simple plants, ThinKnx Quick is a Trend Line server device for DIN rail mounting.

Management of unlimited KNX groups, unlimited scenes, visualization of two IP cameras, basic mathematical logic functions and weather widget, are just some of the many functions it supports. The easy to use and intuitive graphics are characterized by predefined widgets and unlimited pages for the management of the main KNX functions (lights, dimmers, blinds, RGB, thermostats etc).

Through its dedicated App it is possible to remotely control it from any platform.

It also acts as IP router for remotely programming KNX devices.

Programming through ThinKnx Configurator.

ThinKnx Cloud free service is available, enabling the synchronization of the projects and the remote connection.

Quick server supports the integration of Siri, Google Home and Alexa voice control.

It also allows to interact with third-party IFTTT, MQTT, API and Ethernet Gateway services.

Order Code:
QUICK

Barcode:
8054633231272



Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- 1x KNX TP port
- 1x Ethernet 10/100 port
- Real time internal clock
- Power: 12-24VDC (power supply not included)
- 2 modules DIN rail mounting

Upgrades for Quick

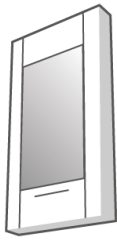


KNX NET/IP INTERFACE/ROUTER



IoT

ThinKnx King Server/Client



ThinKnx King is the elegant stand-alone server, very easy to configure, that permits the control of the KNX plant and is the ideal solution for different scenarios such as residential buildings or hotels. The 4.3" high-resolution capacitive touch screen, the embedded temperature and humidity sensors as well as the RGB nightlight enhance its performances.

The easy to use and intuitive graphics are characterized by predefined widgets and unlimited pages for the management of the main KNX functions (lights, dimmers, blinds, RGB, thermostats etc) and allow the user to create up to six pages of "favourites".

It also acts as IP router for remotely programming KNX devices.

Through its dedicated App it is possible to remotely control it from any platform.

King server supports the integration of Siri, Google Home and Alexa voice control.

It also allows to interact with third-party IFTTT, MQTT, API and Ethernet Gateway services.

K (King) device can also be used as a client for the Pro Line servers, only acting as an extra user interface.

It can only be mounted vertically.

Technical features:

- Fanless processing device optimized for continuous operation
- Suite Thinknx PRO
- Linux operating system
- Internal solid state memory
- 4.3" LCD screen, 480X800 HD resolution
- 1x KNX TP port
- 1x Ethernet 10/100 port
- 1x USB port
- Temperature sensor
- Humidity sensor
- Real time internal clock
- Power: 12-24VDC (power supply not included)

Upgrades for King Server



KNX NET/IP INTERFACE/ROUTER



IoT

Common features:

Dimensions:
83x151,5x10mm

Net Weight:
0,5Kg

Box Dimensions:
14,5x13x11cm



Available solutions for King Server/Client

FRAMES

Tailor-made by Italian artisans with high care for detail, the frames for ThinKnx King have a unique design and a mind-blowing cutting. The King is sold together with its frame, available in several colors in **Fenix NTM** and **Fenix NTA**, characterized by the elegant and resistant metallic topcoat.

Customization of materials and colors available upon request.

FENIX NTM

ORDER CODE	DESCRIPTION	BARCODE
KING_0720	Black King Full black matt Fenix NTM frame	8054633230831
KING_0029	White King Warm white matt Fenix NTM frame	8054633230824



FENIX NTA

ORDER CODE	DESCRIPTION	BARCODE
KING_5000	Steel King Steel Hamilton Fenix NTA frame	8054633230848
KING_5000B	Steel King with black core Steel Hamilton Fenix NTA frame with black core	8054633230862
KING_5001	Silver King Silver Dukat Fenix NTA frame	8054633230855
KING_5001B	Silver King with black core Silver Dukat Fenix NTA frame with black core	8054633231203
KING_5003B	Golden King with black core Gold Cortez Fenix NTA frame with black core	8054633231210



Customization of materials and colors available upon request.

Accessories for King Server/Client

WALL MOUNT BOX



Wall mount box for ThinKnx King Server/Client. It can only be installed vertically.
Article BTI-504E or similar.

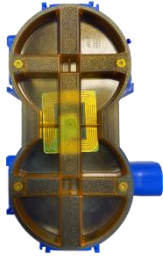
Order Code:
KINGWBOX_504

Dimensions:
74x132x53,3mm

Net Weight:
0,1Kg

Barcode:
8054633231227

WALL MOUNT BOX



Wall mount box for ThinKnx King Server/Client. It can only be installed vertically.
Article: ABB H251.

Order Code:
KINGWBOX_ABBH251

Dimensions:
71x142x52mm

Net Weight:
0,1Kg

Barcode:
8054633231234

DRY WALL BOX



Dry wall box for ThinKnx King Server/Client. It can only be installed vertically.
Article: ATTEMA 1066 (DUO-UHW50).

Order Code:
**KINGDBOX_ATTEMA
1066**

Net Weight:
0,1Kg

Barcode:
8054633231241

DRY WALL BOX



Dry wall box for ThinKnx King Server/Client. It can only be installed vertically.
Article BTI-PB504N or similar.

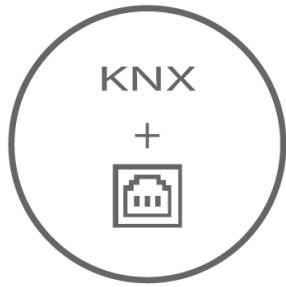
Order Code:
KINGDBOX_PB504N

Dimensions:
71x132,5x52mm

Net Weight:
0,1Kg

Barcode:
8054633231258

LICENSE UPGRADES FOR TREND LINE SERVERS



KNX Net/IP Interface/Router

It allows the use of the ThinKnx server both as KNX Net/IP interface, allowing KNX programming over IP, and as KNX Net/IP router, allowing KNX programming as well as connecting different parts of a KNX system over IP, much like a line coupler.

Order Code:
KNX_IP_ROUTER

Barcode:
8054633231302



IoT

The server offers the chance to connect and control almost any device thanks to their wide set of configurable link ports.

For instance, custom strings can be sent to devices through Ethernet to perform desired operations.

Moreover, generic http requests can be combined with particular events, and data transfer on serial ports can activate scenes or other actions.

MQTT and other IoT specific protocols are available to communicate with the ever growing number of smart devices.

Two-way communication can also be established with other ThinKnx servers or a wide range of services available on IFTTT.

Order Code:
UPSW.IoT

Barcode:
8054633231296

ViaVai – Access Control

It is the ideal solution for the control and the management of access gates, enhancing the level of security and safety.

Available for all ThinKnx servers with KNX TP port on board through a license code, it is possible to enable any standard keypad of common use to enter the access code to an area, and to control a KNX lock or switches installed on actuators.

The ThinKnx-Wiegand adapter will enable the communication with Wiegand technology for the integration of biometric or RFID readers.

Via Vai can be adapted to sectors where long-term expirations are required such as service and industry sectors, but also applies to the hospitality sector where credentials are usually short-term and remote management is required.

The configuration of the access control topology with all its readers, areas and roles is done from the one and only ThinKnx UP Configurator, while the management of the users, areas and schedules is done from the manager's web page.

ThinKnx server allows to create complex access control and presence monitoring systems while using:

- KNX standard keypads
- Dedicated access control KNX keypad
- Any reader with Wiegand technology
- Any KNX actuator to operate locks

Access control up to 2 gates (VAI2) is included in any ThinKnx Pro Line device.

Upgrades for ViaVai



Access Control for 3 to 10 gates integrated with KNX keypads, Z-wave keypads, Modbus, and Wiegand reader.



Access Control for 11 to 50 gates integrated with KNX keypads, Z-wave keypads, Modbus, and Wiegand reader.



Access Control for over 51 gates integrated with KNX keypads, Z-wave keypads, Modbus, and Wiegand reader.

Order Code:
VAI3-10
da 3 a 10 porte

Barcode:
8054633230794

Order Code:
VAI11-50
da 11 a 50 porte

Barcode:
8054633230800

Order Code:
VAI51+
oltre 51 porte

Barcode:
8054633230817

AUDIOFY - Audio Multiroom

Audiofy is the simple yet powerful integrated multi-room professional audio system created by ThinKnx. Only one device combines audio matrix routing, power amplifiers for each output and up to four independent network players. It is also fully configurable via web. The system permits to spread audio contents from external analog sources or from internal players towards up to 32 rooms with superior pure sound quality.

Through KNX TP port, Audiofy acquires all the functionalities of any ThinKnx server, enabling a two-way communication with the plant.

The latest software upgrade and the innovative graphic restyling of the interface (both for smartphone and for desktop versions), ensure a faster and more intuitive browsing from any mobile device.

Analog Inputs

Audiofy accepts up to 5 analog, high impedance, single ended inputs with RCA terminals. Selectable gain (0 to 20dB) for each single input. An additional mono input can be routed contemporary to all the outputs and mixed with the source that is playing in that output. This function is very useful for public announcements or to convey high priority audio messages.

Internal streamer

It streams and plays all the most diffused digital audio format. Each player is an AirPlay endpoint and UPnP renderer. It can play from DLNA and UPnP Media server, network sharing and USB pluggable storage.

Sound processor

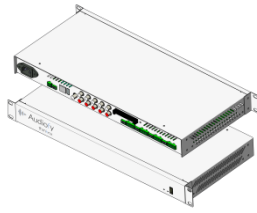
Each input can be routed to 1 or more outputs. 3-Band equalizer, +15dB/-79dB volume control and L/R balance adjusted for each output.

Power Outputs

Class D, high efficiency, 2x50W continuous on 4Ohm, fault and overheating protected, stereo outputs. THD+N= 0.1% @ 25W - SNR= 102 dB.



Audiofy P1



It permits to spread music coming from the 5 analog inputs or from the single internal player to 4 amplified outputs (expandable to 32).

- 1x internal network player
- 5x single ended inputs
- 4x amplified stereo outputs (50W stereo per output on 4 Ohm speakers)
- 1x Ethernet port
- 1x EIB/KNX TP port
- 1x front USB port + 1x back USB port
- Power: 100-240 VAC 200W Max

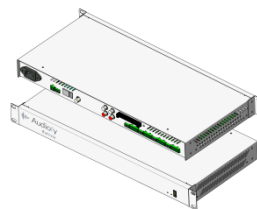
Order Code:
AUDIOFYP1

Box Dimensions:
48x31x5cm

Net Weight:
2Kg

Barcode:
8054633230480

Audiofy P4



It permits to spread music coming from the 2 analog inputs or from the 4 internal players to 4 amplified outputs (expandable to 32).

- 4x internal network player
- 2x single ended inputs
- 4x amplified stereo outputs (50W stereo per output on 4 Ohm speakers)
- 1x Ethernet port
- 1x EIB/KNX TP port
- 1x front USB port + 1x back USB port
- Power: 100-240 VAC 200W Max

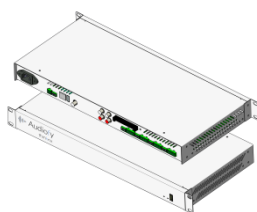
Order Code:
AUDIOFYP4

Box Dimensions:
48x31x5cm

Net Weight:
2Kg

Barcode:
8054633230497

Audiofy E4



Expansion module to add 4 additional outputs to existing P1 or P4 module (max. 7 E4 for each P1/P4).

- 4x amplified stereo outputs (50W stereo per output on 4 Ohm speakers)
- Power: 100-240 VAC 200W Max

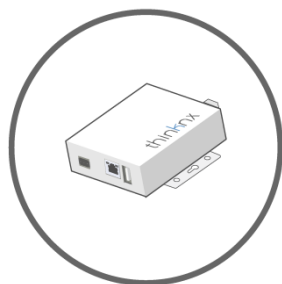
Order Code:
AUDIOFYE4

Box Dimensions:
48x31x5cm

Net Weight:
2Kg

Barcode:
8054633230503

UPGRADES FOR AUDIOFY



Audiofy Server

It allows to use Audiofy as a Micro Server. Through KNX bus, Audiofy can control all the functionalities of a KNX plant, such as lights, blinds, heating and cooling systems and much more.

It can also perform complex logical operations in order to read data from KNX.

Order Code:
AUDIOFYSERVER

Barcode:
8054633231289



Philips-Hue

It allows to control the Philips Hue light system from KNX bus. It is possible to simulate RGB elements or white lamps configuring the colour temperature. The created elements can be integrated into the scenes and controlled from KNX devices.

Order Code:
UPSW2.3

Barcode:
8054633230091



Legrand – MyHome BTicino

It allows the bidirectional connection of Legrand-MyHome BTicino plants to KNX plants. Through easy-to-fit charts it is possible to set matching among the messages coming from the two worlds.

Order Code:
UPSW2.4

Barcode:
8054633230107



Sonos

It allows to control the Sonos systems from ThinKnx UI and to interact with the players also from KNX plants. Status like play, pause or shuffle, volume control, track descriptions and cover art are visible into the ThinKnx clients and available on KNX bus.

Order Code:
UPSW2.5

Barcode:
8054633230572

Audio/Video



It allows to manage audio and video devices installed in the plant. It also enables the serial gateway and Ethernet gateway features allowing the creation of custom commands in order to interface with most of the devices on the market.

Integrated systems:

- Audiofy
- Tutondo
- Multiroom audio/video matrix: AMX, Autopach, Kramer, Atlona, Gefen
- Denond, Onkyo, Cambridge Audio receivers
- Sonos player .

Order Code:
UPSW2.6

Barcode:
8054633230763

Z-Wave









The server acts as a Z-Wave controller allowing to completely control all the nodes and the perfect integration with all the ThinKnx functionalities. One single interface for a complete control.

Order Code:
UPZWAVE

Barcode:
8054633230565

LICENSE UPGRADES FOR AUDIOIFY – TABLE VIEW

	AUDIOIFY SERVER	UPZWAVE	UPSW2.3	UPSW2.4	UPSW2.5	UPSW2.6
AUDIOIFY P1	 ○	 ○	 ○	 ○	 ○	 ○
AUDIOIFY P4	○	○	○	○	○	○

GATEWAY

Brickbox



Brickbox is the ThinKnx product line that allows the connection to KNX plant of systems that don't natively support this protocol. Taking advantage of all the functions already integrated in ThinKnx products, through Brickbox it is possible to control audio sources like Sonos and Nuvo, multimedia systems, alarm devices and systems based on other buses like Modbus, SCS (MyHome), etc., in a bidirectional and fully configurable way.

It is also possible to use Brickbox to collect data (reporting, KNX logger) or to check in real-time the service continuity of the plant (ping of KNX devices or network). In addition, the internal services available on ThinKnx servers are also present on Brickbox, like pre-programmable sceneries, generic gateways, alert messaging, logical functions, etc.

Technical features:

- Fanless processing device optimized for continuous operation
- Mass memory on Micro SD
- Power: 12-24 VDC - 1A Max
- 1x native EIB/KNX port with direct connection through clips
- 1x RS232 serial port
- 1x RS485 serial port
- 1x network port
- KNX telegrams led
- Consumption 1 Watt

Order Code:
BRK-HW

Box Dimensions:
14,5x13x11cm

Net Weight:
0,4Kg

Barcode:
8054633230138



UPGRADES FOR BRICKBOX

Security



It allows the bidirectional control from KNX of all the alarm devices integrated in ThinKnx system. All the sensors feedbacks are available on KNX. In addition, telegrams can be sent in case of emergency or other programmable events. It is also possible to control arming and disarming of the alarm device through 14 byte strings. Connections to the security panels can be made through a RS232 port or RS485 port.

Order Code:
BRSEC

Barcode:
8054633230169

Audio Video

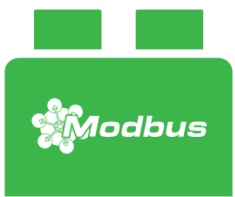


This brick allows to control all the audio video devices already integrated in ThinKnx system from KNX bus. Multi-room systems, A/V matrices, audio amplifiers, infrared transmitters and so on will send their status to KNX and can be commanded from there. Connections to the devices can be made through a RS232 port or RS485 port.

Order Code:
BRAV

Barcode:
8054633230145

Modbus



It allows the bidirectional connection of Modbus bus (RTU or TCP) to KNX bus. A RS232 and a RS485 ports are available to connect directly to Modbus. It supports all the standard communication functions and all the datapoint types. It also implements advanced modes of data grouping to optimize reading on Modbus. There are no limitations in the number of usable datapoints.

Order Code:
BRAUT

Barcode:
8054633230183

Lutron



It allows the bidirectional connection of Lutron plants to KNX plants. The integration allows to associate KNX groups to Lutron lights, making the devices in the Lutron plant controllable from KNX buttons or supervision. The Brickbox also enables the control of KNX devices from Lutron buttons, allowing the creation of unique supervisions for the complete integration of the two systems.

Order Code:
BRAUT

Barcode:
8054633230183

Legrand – MyHome BTicino



It allows the bidirectional connection of Legrand-Bticino MyHome plants to KNX plants. Through easy-to-fill tables it is possible to set matching among the messages coming from the two worlds. The device makes possible the control of KNX devices from MyHome buttons and vice-versa, allowing the creation of unique supervisions for the complete integration of the two systems.

Codice Ordine:
BRMYHOME

Codice a barre:
8054633230206

Sonos



It allows to control the popular Sonos multimedia system in a bidirectional way from KNX. In addition to common use controls, the user can set repeat mode, to play defined tracks (both locals or coming from network services or line-in port) or playlists. Another important feature consists of the possibility to define grouping among the players and to easily recall them with KNX groups. Feedbacks information (play, stop, current volume, track, artist, etc.) are available on KNX.

Order Code:
BRSONOS

Barcode:
8054633230152

Philips Hue



It allows to control the Philips Hue lights from KNX bus. In the ThinKnx system different rules can be created to control Hue elements (lights or groups) from KNX and to receive feedbacks from them. It is possible to simulate RGB elements or white lamps with pre-settable light temperature. Created elements can be integrated into scenes and controlled by KNX devices.

Order Code:
BRHUE

Barcode:
8054633230213

Report



It allows to collect data from KNX plants (both locally and on the cloud), to generate reports and to continuously store KNX telegrams (logger modality). All the data can be sent via e-mail to multiple recipients and organize in tables or charts. It allows also to set periodic tests about the correct functioning of KNX devices in the plant (through their physical address) or of devices in the network (ping or test connection through TCP/UDP ports). In case of malfunctioning alarms via SMS or e-mail can be sent.

Order Code:
BRCHECK

Barcode:
8054633230176

thinknx

Visit our website www.thinknx.com!

For technical information take a look at:

- **Wiki:** technical guide with instructions for the installation of the devices, the system configuration and any further information: www.thinknx.com/wiki
- **Video Tutorial:** section dedicated to video tutorials divided by subject, in order to discover how to easily interact with ThinKnx supervision system.
- You can use the Ticket service for any commercial or technical support: www.thinknx.com/support

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