futurasmus
KNX GROUP

Futurasmus KNX Group brings you the latest news from the Frankfurt Fair

light+building 2018

LIST OF NEW KNX PRODUCTS

Light+building 2018, by Futurasmus KNX Group

Every second year, the Futurasmus team travels to the light+building in Frankfurt, the most relevant international fair for KNX professionals. This year a total of 2.714 exhibitors from 55 different countries have shown their latest products; over 220.000 visitors from 177 different nationalities had the chance to enjoy this impressive show. In 2018 KNX Secure was the main motto chosen by the KNX Association, whose goal is to guarantee the most advanced data protection in our KNX systems.

For Futurasmus, the fair is a meeting point with our colleagues and representatives in other countries, a unique chance to see new products, add them to our catalogue and discover new technologies. It's also the time to congratulate our partner manufacturers and the KNX Association for their excellent job.

During this edition we were present in two booths:

- One situated within the KNX City, where Futurasmus showed their new platform for on line KNX training, professional, free-of-charge and certifiable.

- On the other hand, Futurasmus GmbH presented Enginency in a different booth: a joint project, together with ICM Ingeniería, Demo and University of Vigo, focused on energy efficiency in buildings (funded by the EU as part of the Horizont 2020 program).

Whether you visited the fair or not, we would like to share with you the most relevant news from the 2018 edition, together with the most innovative devices. Here you will find consolidated brands, but also new manufacturers, together with a broad variety of KNX devices, such as room controllers, push buttons, gateways, visualizations, actuators, sensors, counters, control access systems, voice controllers, servers, power supplies...

Do not hesitate to contact us if you have any questions or need a quotation. And remember to visit our YouTube and Vimeo channels to watch all the videos we have filmed with the light+building 2018 news. Don't miss it!

TOUCHLESS CONTROL DEVICES

ANIGMO presents their new range of touchless push buttons. Get ready to control the device by proximity, that is, no need to touch it thanks to its sensing technology. Use gestures to move your shutters up and down, control your lights, switch on/off KNX elements...

Broad range with very varied finishing: from the basics, with glass frames, to those that allow hiding the control element.

KNX-GW-IP-2TE, THE NEW IP ROUTER.

KNXnet/IP Router, tunnelling with up to 16 simultaneous connections, data logger in micro SD card, generation of graphics and lists, monitoring of the KNX bus via HTML, NTP client SMTP client, HTML visualization and XMPP messaging.

SSH/SFTP SSL encrypted connection.

PICO-KNX-DX

The PICO-KNX DX, a device that stands out for its small size (only 33mm x 34 mm) allows almost any type of mounting and can be easily integrated into luminaries. Currently the smallest detector in the market.
Despite its compact size, this detector has an awesome detection area of 10 m in diameter for a mounting height of 2,5; accordingly, approx. 12 m for a mounting height of 3 m.

PD11-KNX-FLAT-DX
One of the most discrete detectors available.
With only 80 mm in diameter and a completely flat design, this detector reaches up to 9 m. In other words, it is a versatile and elegant detector that can be used in minimalist environments without losing any necessary features.

APPMODULE

This device allows the creation of visualizations via APPs for iOS and Android.

It works like a KNX/IP-Router gateway.

With the APPMODULE, you can easily connect all KNX devices, whether it is Amazon® Alexa, SONOS®, Philips® hue, Netatmo®, IFTTT, Apple® HomeKit ™, Google® Assistant or DoorBird®.

Install these and many more applications for the smart home and start controlling them in a simple way. Once installed, all IoT devices can be controlled via any KNX device.

NEW HS10 SCREEN

New touch screen for eibport.

CO2, temperature and humidity sensors integrated.

Available with either 4 or 16GB memory.

Flush mounted and with 5 configurable push buttons.

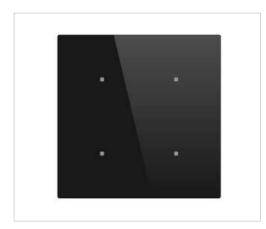It also has speaker, microphone and camera for door communication.

Configurable status LED.

iBEMI

With the iBEMI application you can control the following functions: light scenes, dimming, switching, air condition, temperature, RGB, blinds, shutter control, energy indication with scale and offset, time and date, and a value transmitter.

The iBEMI application is easy to navigate thanks to its classy design.

It is especially developed to suit your smartphone, but it also works well with your tablet.

The design is developed to minimize scrolling and gives you a direct overlook of your control panel.

CUBIK PUSHBUTTONS

CUBIK push buttons with temperature and humidity sensor. The Cubik series devices are available in a wide range according to the level of customization required:

- basic range: front glass fixed, white or black

- design range: front glass fixed, print customizable

- capriccio range: front glass interchangeable (magnetic system), print customizable.

REALPRESENCE+

This new generation of occupancy detectors stand out for a sensor that detects human body temperature. Combined with their presence/movement sensors, it allows the detection of a motionless body.

DOORY

Blumotix has designed and produced a new access control system that allows you to get into a tourist accommodation by providing the credentials received by SMS.
Doory is an intelligent numeric keypad that can receive new access code from a remote Smartphone, to facilitate the check in without receptionist. The code can be programmed using a dedicated APP installed on a Smartphone (iOS or Android). The access key can be changed and replaced whenever it is necessary to welcome a new guest.
The Doory keyboard receives the codes for access control from the KNX Miniserver called BX-MS02, able to communicate with your Smartphone by the KRIM APP, free downloadable from iTunes and Google Play.
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ENERGY MEASUREMENT BX SERIES

A KNX device for measuring Alternating Electrical Current. BX-ES02 measures the alternating current absorbed on an electrical line and indirectly provides the power values that can be used to determine the amount of electrical power consumed.

The device has 3 analogue inputs that can be used to make independent measurements of current, acquiring the values by means of BX-TA01 current clamps, which can be purchased separately.

BX-TU SENSORS

BX-TU is the innovative push button interface equipped with an external temperature and humidity probe to perform thermostat functions, humidity and dew point temperature control.
Regarding the push button interface functions, it has all the features of the BX-4XIO model, regarding the thermostat control it has all the features of the BX-TE, it also adds the features arising from the presence of the humidity probe.
The BX-TU is equipped with an extremely compact digital solid-state temperature and humidity probe, able to carry out accurate measurements, from -40 °C to 125 °C with 0.5 °C of resolution for the temperature and from 0% to 100% of relative humidity measurement.

DX SERIES PUSH BUTTONS

High Tech Solutions and Italian Design

Kristal thermostats are characterized by a large central display on which ambient temperature, relative humidity, and setpoint temperature can be displayed. The device can light up by getting a hand closer thanks to its proximity sensor. The circular sensing area is obtained around the display on which to slide the finger to change the setpoint temperature. Each variation is accompanied by a brief acoustic beep to have feedback of the action performed. Around the circular crown are placed 4 commands to change the operating modes: on/off manual ventilation (fan coil), summer/winter, comfort/pre-comfort, and standby selection.
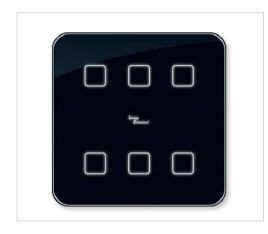
Kristal, Blumotix capacitive Glass Push Buttons, with luminous and acoustic feedbacks, event driven backlight & buzzer, proximity sensor.

Available with 2, 3, 4, 6 y 8 capacitive buttons to send KNX events like, On/Off commands, light dimming, window/blind actions and transmission of KNX scenarios.

Kristal Lines: Square, Rectangular, Cover, Thermostat & Customizable Keyboards.

CONTROLtronic

TOUCH BUTTONS

Colors in White or Black, Bright or Matt. In 2 or 4 mm thickness.
Arrangement with 6 buttons + display or 7 buttons.
With Temperature and Humidity sensor and also with Luminosity sensor.
The colors are configurable and offer the possibility of screen printing on semi-transparent or laser paper.

The exclusive high-tech flat sensor made of real glass with precisely polished edges provides an innovative character in each room. A sensor detects proximity and activates the user interface. Depending on the configuration, up to seven touch icons are illuminated (dimmable and colored according to your choice). Easy to understand and autochangeable icons allow a purely intuitive operation and maximum flexibility.

The fixation is from the outside integrated invisibly in the flat box embedded using a magnetic solution (patent pending). Extensive configurations can simply be carried out without plug-in due to an easy-to-use structured product database.

The entire sensor is fully powered through the KNX connection. The Living Emotions Glass Touch sensor allows virtually unlimited configurations for every individual requirement, from private homes to office buildings and even extensive hotel and hospital applications..

ORIA SERIES AND ROSA SERIES PUSHBUTTONS

Oria premium switch and thermostat series creates a natural harmony and adds value to your interior designs with an elegant look and sophisticated technology.

Combined with the KNX system, use of a single Oria switch would provide you with the means to activate light scenes, control blinds and set a comfortable temperature.

Oria series devices, which combine the familiar push button feeling with the latest technology, are available in anthracite, ivory and cloud grey

ekinex

SERIES 71 SURFACE PUSHBUTTONS

The FF and 71 series Ekinex® pushbutton range and related accessories gives the possibility to realize numerous variations in order to fulfil the most different needs. At the base of the range is the pushbutton, which contains a KNX communication module.

The Ekinex® Touch&See units achieve a wide range of functions, including bus command, control and display by means of extremely compact and easy-to-use devices, thanks to its 3.5" touchscreen and easy-to-understand graphic pages

RGB 12/24V AND 1-10V DIMMERS

The ekinex® EK-GC1-TP dimming actuator is an KNX rail mounting device for switching and dimming of low-voltage (12...30 Vdc) LED lighting devices, with PWM modulation. With manual operation via membrane pushbuttons.

Outputs can be managed: As as 4 independent channels (white or single colour); 2 channels, each used for a "dual white" strip (cold and warm white tones) or combined, as a single RGB (+W) colour channel.

Main features: ON / OFF switching and dimming of the light intensity; Locking and forced mode for each channel; Manual operation with membrane pushbuttons; Colour setting in RGB or HSV mode; Timer programming (delay for on and off switching, staircase lighting function with prewarning signal); Scene and sequence management; Operating hours counter configurable by bus; Independent logic function blocks; Dry contact output for standby switch-off of the output power supply.

CALA 2.0 ROOM CONTROLLER

This second version of the Cala controller has come to solve existing problems, such as the delayed page turning.

It includes a new option to disable animated transitions so as to speed turning the pages. Smoother transitions and RGB control. Up to 11 HCL pages.

INTRA SEWI-KNX

Room sensors with presence detection. (100 ° x 82 ° with a maximum range of 5 m) The appearance of the Intra-Sewi KNX for the KNX building bus system is largely determined by the low construction height of about 5 mm and the shiny real glass ring. Concentric ventilation louvers in the center of the unit ensure precise operation of the integrated sensors for temperature and humidity. Whether in deep black or signal white version: Intra-Sewi KNX is a contemporary way to capture indoor climate and optional presence

The sensor has been specially designed for installation in suspended ceilings or recessed boxes. Ceiling mounting is done effortlessly via two spring clips, similar to the principle of recessed spotlights. Alternatively, a flush-mounted box can be used. In this case, the included support ring allows easy plugging of the sensor.

The KNX indoor sensor is available in four different versions (Intra-Sewi KNX T, TH, Pr &TH-Pr), each in white or black. (T = Temerature, H = humidity Pr = pure presence detector)

SUNTRACER PRO

Great update of Elsner's catalogue: this manufacturer has shown for the first time their upcoming weather station.

The SUNTRACER PRO will be able to detect the wind direction, will provide the calculation of the sun position, façade contrl, GPS, time server via GPS and many other new functionalities that will only be revealed upon launching of the product.

SynOhr KNX

Enertex® SynOhr® MultiSense KNX is the world's first KNX touch room controller with built in self-sufficient voice recognition and with no need for an external power supply - it is fed directly from the KNX bus.

The vocabulary speech recognition is approximately 250 words, need not to be taught separately and can be parameterized via the ETS, so that commands as "COMPUTER, LIGHT 30 PERCENT" are possible (Premium Version). The words can also be changed by the user via the free software SynOhrStudio.

• High quality anodized aluminium housing
• Front Panel RGB ring illumination (Status)
• RGB Ambient lights
• Displaying KNX text messages and symbols
• Playing arbitrary audio files from SD card
• Fits in standard wall box
• Contains bus coupling unit

MeTa KNX

The Enertex® MeTa® KNX room controller – A technical highlight in perfect design. It is available in two hardware versions, double (premium) or simple (standard, starter) height.
High quality anodised aluminium housing fits into any standard flush-mounting box, 1 binary input, includes Bus coupler and needs no external supply.

Mechanical switching rocker (true tactile "click") can trigger KNX telegrams (switching, dimming, etc.). They can be electronically labelled. 32 functions can be switched - for the Premium variant, 16 for the Standard/Starter variant.
The room controller measures the temperature, humidity and color intensity. They also offer a highly flexible room controller for heating and cooling. The brightness of the display backlight can be automatically adjusted, fixed or switched off via the built-in brightness sensor to the ambient brightness.

PD-C 180i/16 TOUCH KNX

Presence detector that includes constant light regulation. The innovation of this sensor is its Touch technology, that allows us to use it either as a regulator (by touching the surface of the detector) or as a switch (it reacts to finger touch or slide).

FLAT MINI Y PD360/8 BASIC

The FLAT MINI sensor is presented as brightnes detector, small, flat and discrete.

The PD360/8 basic version offers presence and brightness detection, without constant light regulation.

ELC SMARTDRIVER

The ELC SmartDriver is the control unit for ESYLUX lighting systems with simple plug-and-play installation and no programming required. The combination of control unit, ceiling lights and sensors delivers intelligent, presence-based and daylight-dependent controlled lighting and at the highest configuration level it produces the biologically effective light of the SymbiLogic Technology!

VERSO + IP

The successor of the VERSO room controller stands out thanks to its remote connectivity functionality.

Thanks to its IDDEROCLOUD system, you can already have remote access to it.

It has RJ45 connector.

You will be glad to know that the VERSO is now available for flush mounting.

ILOCK BIOMETRIC ACCESS CONTROL

Ilock has surprised everyone with a higher level of access control. It offers the possibility to control 4 doors, it has notifications, fingerprint reader, an innovative geo-positioning sytem, calendars, remote access and remote updates.

And all this is easy to control from App's in iOS and Android!

Since it is fully compatible with KNX, we are now able to control accesses and events in our system, and viceversa.

Integration with SONOS.

Its interface is really simple to configure. Finally, the access control we were all waiting for!

'INTERRA

iSWITCH

Iswitch, with the new generation of automation switches. The ambiance detector automatically adjusts the place's light level according to the change. Moreover, through Iswitch PI control feature, it can learn spontaneously and perform desired functions in the room. Containing multi-functions within wide variety of materials and colors, Imini is preparing to take its place on stage with the latest technology of VATN Screen. Lighting and thermostatic controls are performed simply on screen as wheel as the home modes. With integrated lighting and temperature sensors it provides to command the places automatically. Working with KNX bus voltage, it does not require a power source; Integrated temperature and humidity sensors; Integrated light sensor (1/64k Lux); RGB status leds and blue steering leds; Up to 12 Configuration Buttons; Wide material and custom color options; Color theme and contrast can be defined via ETS; Automatic PI control

iMINI

With Con 6,5", pulgadas, la iMINI has very promising new features and is available in two main versions: domestic and hotels.

Control based in Android. Fast interface (dual core ARM Cortex A7), built-in speakers and microphone. Carefully finished with plastic and metallic frame.

It has building communication applications (intercom and concierge services), messaging management, and receiving announcements.

All functions such as light on/off or dimming, curtain-blinds control or controlling the room temperature can be performed with ease.

New user interface provides automatic time-control functions programming or comprehensive scenario managing.

Great price!

RONDO

3-channel push button with potentiometer, ideal for any regulation function.

Channel selection (ballasts, groups), colour selection, colour temperature, brightness, etc.

Mounting: standard 55x55m systems.

NEW ACTUATORS RANGE

The PowerBlock actuator range welcomes the new IO64 actuator (4 capacitive outputs with independent phase and 6 inputs)

On top of that, IPAS presents the new µBrick IO64X, which also combine 6 inputs and 4 capacitive outputs (common phase).

Another remarkable novelty are the µBrick actuator of the SI series. Shutter actuators with slit control. This functionality is unique in a shutter actuator and provides full control.

GC-16 AND GC16-2 DALI GATEWAYS

New DALI interfaces: complex lighting functionality and economic efficiency in one device.

Specifically developed for a wide spectrum of applications, up to 64 DALI lights in the GC-16 and 2 x 64 DALI lights in the GC16-2 can be controlled with a maximum of 16 groups in each DALI bus. It is programmed entirely with the KNX commissioning tool ETS5. In accordance with the DALI Association DiiA, the DALIControl gc16 supports all common device types, including, in particular, device type 8 for complex colour control, i.e. RGBW & X/Y light temperature.

Very comprehensive gateways at a great price.

SOFTWARE "MAPS"

IntesisBox presents a new generation of gateways with a new hardware

Completely renovated and more powerful. This new line of products inherits the best features of their predecessors and incorporate new and interesting functionalities for the systems integrators. They are commissioned with the new IntesisBox MAPS configuration tool which offers a lot of advantages; easier to use; faster to program, one tool for all protocols; recovering device configuration by uploading it from the device; etc.

ISE SMART CONNECT KNX - SONOS

This KNX SONOS controller can: Control playlist start; Pause; mute and stop for each Group; Playlist (forward/back); Title (forward/back); Random playback of titles; Complete volume control of masters; slaves and the entire group; Title; artist and album in scrolling text on KNX text objects; Direct selection of the starting title of playlists; Volume pre-selection and unmuting during source selection; Patching in of announcements (temporary interruption of the current playback); Play music from the SD card; Support for analogue and optical inputs of the Sonos Playbar and Sonos Connect/Connect: Amp; Simple integration in KNX (can be completely configured via ETS) & Extensions via firmware updates

New firmware version improvements: Separately control music playback in up to 10 rooms. Dynamic group creation for up to 10 groups, each with one master and up to 50 slave devices

L-VIS TOUCH PANELS

Touch screen for LonMark, BACnet, and Modbus networks. Glass L-VIS devices with 7" (silver and black) and 15" (silver, black, and white) display that come with frameless glass front and capacitive touch. The glass surface provides a high-quality, modern appearance. The capacitive touch sensor allows for operation without any pressure on the surface.

In order to use these Touch screens with KNX the KNX TP1 Interface is needed.

X-SERIES MULTI-PROTOCOL GATEWAY

ARM9 Processor; Dropbox connection (Optional); Upgradeable; 25-2500 datapoints; Real-time clock with battery integrated; integrated Web server for configuration and analysis; optional memory card up to 2GB with the possibility e.g. Recording Trendlog data; Fast connection to serial or network-based communication protocols; Rugged metal housing for use in harsh environments; No Moving parts such as fans or similar; Monitoring of all functions with hardware and software watchdog; After a power failure, the gateway automatically restarts; Optional on-site commissioning.

All major communication protocols are available (>120 protocols): Allen-Bradley DF1; BACnet; CAN; Cisco IP Phone Systems; CSV data export via SAMBA; DALI; DLMS meter reading via IP; EIB/KNX; ESPA 4.4.4; Esser by Honeywell Data Protocol EDP / essernet; Kieback & Peter P90; LCN; LONTalk Echelon; MB100 IGIS-loop; M-BUS; MODBUS IP; MODBUS RTU master or slave (RS232 or RS485) ; MODBUS ASCII master or slave (RS232 or RS485) ; Notifier by Honeywell ID-3000; Novatherm MIDEA; OPC Server DA 2.0; PROFIBUS FMS; PROFIBUS Profil GA 2.0; PROFIBUS-DP-Master; PROFIBUS-DP-Slave; PROFINET; Regin Controls − R&S Regler; Siemens RK512; SAIA S-Bus (IP) ; SAIA S-Bus (serial) ; Samsung MTF climate technology; Sanyo-Amy (KAUT Sanyo) ; Schneider Intercom; Siemens Cerberus IT 3000; Siemens SM-Port (Sigmasys BMZ); Stento-Intercom; VdS2465; Viessmann LON/RDAP; etc.

BE-TAS86T.01

The MDT Push Button Smart 86 sends KNX telegrams after pressing the push buttons on top, 1 or 2 Button operations can be adjusted. The device provides extensive functions like switching of lighting, operation of blinds and shutters, contact type and block communication objects for each channel. The Push Button has 4 integrated logical modules.

The Push Button Smart 86 has a large, coloured active display to indicate function and status. Up to 12 functions on 2 or 3 levels (2x6 or 3x4 functions) can be parameterized. The Push Button Smart 86 can be also used as 6-fold push button without function levels.

The Push Button Smart 86 offers additional functions to set temperature and operation mode. In combination with the MDT Heating Actuator an efficient room temperature regulation can be configured and visualized. Furthermore, user defined 1Bit messages and 14Byte text telegrams can be indicated.

BE-GDS4W.01

Disponible en dos colores, Blanco y Negro. Acabados en cristal capacitivo.
La funcionalidad del pulsdado abarca dontroles de regulacion y control de 1, 2, 3 y 4 canales.
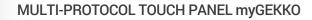Dispone de 4 funciones logicas.

JAL-B1UP.02

Actuador de persianas a 230V. Dos relés biestables con una capacidad maxima de 6 Amp.
Ademas incluye 4 entradas binarias.

MULTI-PROTOCOL TOUCH PANEL myGEKKO

The myGEKKO Slide is the speaking tube through which the building occupants monitor and control the entire house technology.

It has and elegant design with a white glass surface that hides 9 access keys which can be displayed in green, red or orange. The luminosity and the function of the access keys can be freely assigned. The quick call of the video surveillance, the display of energy data or the activation of the alarm system can be realized with just one single touch. Warning and status display via multicolour LED indicator. Multi-Touch with the capacitive touch technology enabling sliding and scrolling controls. It is very durable yet economical.
The integrated audio interface with 2 lateral loudspeakers can be used for various features. myGEKKO becomes your door bell, your radio… Other features, such as the reduced display contrast and the automatic switch-off of the display further reduce energy consumption.
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R-ION SEDONA ROOM CONTROLLER

R-ION series products are programmable room controllers ideal for managing a wide range of individual building products such as fan-coil units and VAV boxes.

Extremely flexible customization options are available thanks to configurable color touchscreen, full programmability, custom logo possibility and various style/color options.

The unit has no on-board inputs & outputs but is able to connect to a multitude of external IO, due to multiple communication ports and protocols. Integrated temperature sensor is standard in all versions. The unit can also be ordered in a temperature plus relative humidity sensing configuration.

At the moment it does not have a KNX connection, but the manufacturer announced in the L&B trade fair that they are working on that.

CONTROLMINI

The Controlmini is a reliable 11.6 inch multi-touch panel with high-quality design, powerful performance and certified industrial components. The KNX touch panel is a fully-fledged computer and can be used in room or home control, as a status and information display or as an intercom on doors. You can either use common visualisation software or deploy the supplied software package YOUVI, which covers all the basic functions of a smart home, without installing an external server. The Controlmini is available as a flush-mounted and a surface-mounted version and offers a variety of designs with the interchangeable glass cover.

NET-TV TUNER

The NET-TV from PEAKnx: Watching TV via any device in your home network supporting IPTV
All IP-based devices (such as tablets, PCs, notebooks, smartphones, TV sets with network connection, gaming consoles, media players, or the Controlpro touch panel) located within your home network have access to the NET-TV server. Thus, you benefit from top-quality HDTV on your IP-compatible devices without the need for an integrated DVB receiver. The SAT > IP technology serves as a means to bring satellite TV into any room within your home via your existing home network, which simplifies the distribution of satellite, cable and terrestrial signals within the entire reception range.

5WG1 534-1DB51 SWITCH ACTUATORS

Switching Actuators N530, 6AX 4-, 8- and 12-fold AC 230V
Switching Actuators N532, 10AX 4-, 8- and 12-fold AC 230V
Switching Actuators N534, 16/20AX 4-, 8- and 12-fold AC 230V
Switching of capacitive, inductive and resistive loads; Now screwdriver needed, via maintenance free terminals for connection and through-wiring of untreated single-core,
stranded or multi-core conductors, 0.5 ... 2.5mm² conductor area; Mechanical slide switches per output for checking the installation

5WG1 141-1AB31 KNX/DALI GATEWAY

These KNX/DALI Gateways are KNX devices with two independent DALI interfaces. Up to 64 DALI actuators (e.g. ECG with DALI interface) and additional DALI sensors (e.g. DALI key interface, presence detectors, etc.) can be connected per channel.

TRUE PRESENCE® DETECTORS

True Presence® is the world's first true presence detector. It reliably detects the presence of a person. True Presence® detects micromovements resulting from the vital functions of a human. Even the slightest movement of the chest or shoulders when breathing is sufficient for a reliable detection. No matter what this person is doing: walking, standing, sitting, reading, resting or sleeping. This is real digital knowledge of presence or absence.

True Presence® technology is based on detailed high-frequency measurements of the surroundings. The presence of humans is indicated when 3-dimensional breathing patterns (micro-movement resulting from vital functions) are detected. The combination of a highly sensitive antenna with unique sensor software results in a 100% detection of humans. With enhanced senses for brightness, room temperature, humidity, radial object distance, approaching and moving away, CO_2, VOC and air pressure.

PEOPLE COUNTER AND DETECTOR HPD2

Detects persons in 5 individually adjustable zones! As the world's only optical sensor of its kind, it detects and counts people sitting and standing in up to five precisely definable detection zones. 110° angle of coverage with a reach of up to 10 m from a maximum mounting height of 6 m. Integrated, state-of-the-art imaging compares 150,000 positive images and 7 million negative images in real time. Ideal for managing meeting rooms, because it identifies actual room use, or for detecting unused office workstations for flexible desk management. KNX interface with temperature and humidity measurement

THINKA VOICE CONTROL

Thinka for KNX allows you control your home with Siri and Alexa. It is certified by Apple for HomeKit and by Amazon for Echo. Thinka allows you to manage your lights, switches, curtains, (Venetian) blinds and climate control, or do it all at once with HomeKit scenes. And it reads sensors such as temperature, humidity, CO2, motion, contact and occupancy.

When you have an Apple TV or iPad you can control your accessories away from home and automatically through triggers such as time of day, location, sensor detection, or the action of an accessory.

The Thinka is typically installed on the DIN-rail, connected to KNX via twisted pair, Ethernet and power. For the KNX configuration, upload your ETS file to your Thinka and tailor the names and addresses for voice control by Siri or Alexa. Or HomeKit of course directly with the Home app.

VICIONE KNX / VICIONE HOME SERVER

The ViciOne Home Server is the central brain of intelligent buildings. ViciOne is not only fluent KNX. It still speaks many other protocols and languages.

Nearly every device is seamlessly integrated into the overall system. ViciOne does away with cumbersome and complicated technology. Countless remotes and disjointed individual devices are replaced by a central intelligence in intuitive, elegant design.

ViciOne is available in every format: 16: 9 Full HD, 4: 3 Tablet or Smartphone. The user interface is always optimally adapted to the respective device. Each visualization and view can be freely designed and personalized according to your wishes.

KNX POWER SUPPLY USB 367

The KNX PowerSupply USB 367 is a 640 mA bus power supply with high efficiency and a small footprint of only 4 units (72 mm). The device has a bus choke, an integrated USB Interface (Micro USB connector) and additionally provides an output for auxiliary power.

Power, diagnosis and logic functions: The integrated KNX node monitors output current, bus voltage and the temperature in the enclosure. Various logic functions are available for application purpose. The configuration is done with the ETS (version 4.2 or higher). An easy to read OLED display on the front panel enables the user to display the operating parameters locally on the device.

NEW RANGE OF 1 UNIT DIN RAIL COMPONENTS

With the new KNX IO series, Weinzierl is expanding its product range with universal inputs and outputs for KNX with a width of only 1TE (18mm). This granularity offers maximum flexibility especially for small and medium-sized plants. Consistent operating concept
All devices are presented with a consistent operating concept with 3 multi-colored LEDs and 2 buttons for manual operation. An easy-to-install design with screw terminals for easy plugging in and out helps reduce costs on the construction site. All devices can be configured with the ETS software without plug-ins and are characterized by short download times.
Following products are available now: Two different binary input modules (4 x 12-230V) & (4 dry contacts), Switch actuator with two (8A) outputs, Switch actuator with one (8A) output and two binary inputs, Shutter actuator with one channel and two binary inputs

KNX IP GATEWAY BAOS 777

The KNX IP BAOS 777 is the logical continuation of the proven KNX IP BAOS series including the KNX IP BAOS 771 and 772. The device is based on a completely newly developed platform with a new design. Not only the functions and resources of the BAOS protocol were extended, but also a web server was integrated which allows the visualization and control via a Web browser. Thus, the KNX IP BAOS 777 performs the leap from application-specific interface for comprehensive IP Gateway for KNX installations.

ZIPATILE

ZipaTile with Z-wave and Zigbee is the complete home control system in the form of a single device. It can be easily mounted on any wall, in any home. Featuring a large number of built-in sensors and hardware modules, ZipaTile will replace numerous home devices such as a security system, thermostat, automation controller, IP camera, alarm siren or intercom.

It has the following build-in sensors: Noise; Light; Humidity; Temperature; Motion; Shock. And the inputs/outputs are: Touch sensitive 8″ screen, 800×1280 px; 6 programmable scene buttons; 2 x Dry outputs 230VAC, 1A; Dry input 12-24VDC; External temperature sensor (1-Wire DS18B20); 2MP video camera; Muti-sound alarm siren; SD card; Speaker 8Ω/1.5W; Microphone. Connectability with following networks: Wi-Fi 802.11 b/g/n; Ethernet (with optional adapter); Bluetooth 4.0; Philips Hue; Sonos; Nest; Z-Wave+ 500 series; ZigBee HA; KNXnet/IP

Important notice · disclaimer:

1) This catalog has been conceived as a collection of the NEW products / solutions for the KNX standard exhibited during the light + building event 2018 (Frankfurt Trade Fair, March 18-23, 2018). This means that the main selection criteria have been its NOVELTY and, therefore, has omitted a large number of interesting, popular or significant KNX devices, given that They were known to the public before the fair.

2) The information and technical data contained in this catalog have been obtained directly in the manufacturer's stands during the light + building 2018 event and, in most cases, transmitted verbally by their commercial agents.
In the case of manufacturers that exhibit KNX devices in the prototype stage, the specifications techniques can still be changed, sometimes significantly, in the course of the process of certification / release.
For this reason, Futurasmus KNX Group expressly rejects any responsibility for possible errors, inaccuracies and / or omissions that the document may contain.
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3) List prices or release dates have not been included in the catalog, since in many cases this information was not available at the fair. But, if you are interested in any of these products,

Do not hesitate to contact us at **commercial@futurasmus-knxgroup.com** to obtain more information.

¡Muchas gracias por su atención!
Por favor, si este catálogo le ha parecido útil, no olvide compartirlo en:

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