

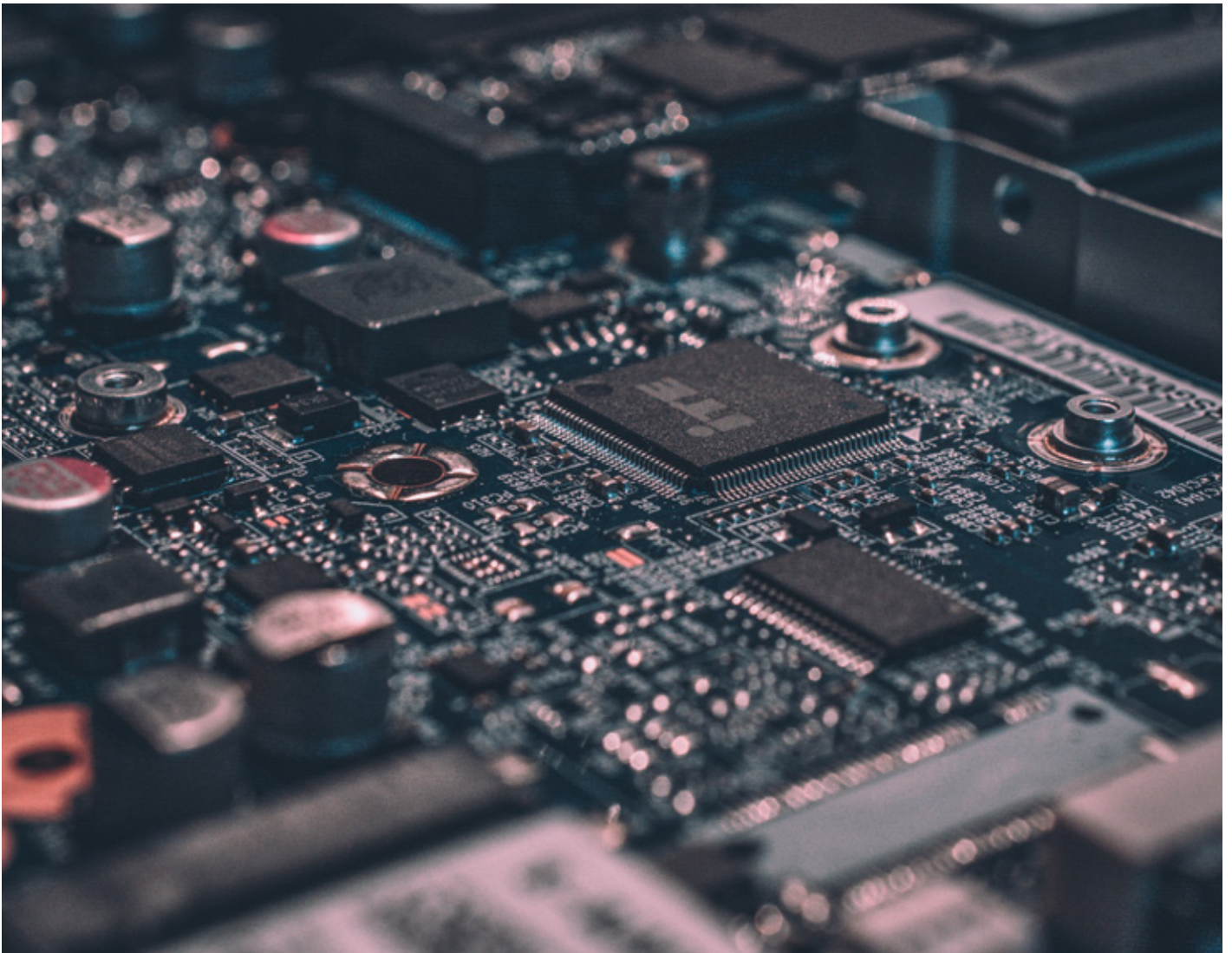


Smart home and building solutions.
Global. Secure. Connected.

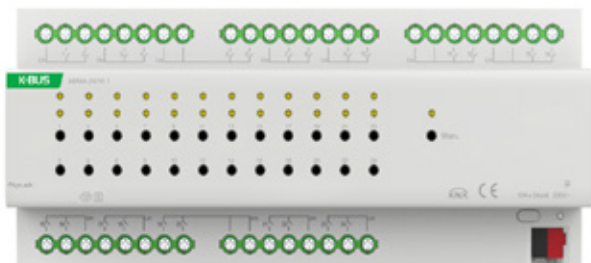


KNX DEVELOPMENT

OEM Devices



OEM products ready for relabel, sponsored by KNX Members



Product Name:
Multifunction Actuator, 4/8/16/24-Fold.

Company Name:
Guangzhou Video-Star Intelligent Corp., Ltd

The device can set switch outputs, AC curtain outputs, DC curtain output, fan control output and valve control output. The output requirements are configured via parameter.

1. Switch output: connect some electrical loads, such as lighting, sockets. All channels have the function of general switch, staircase lighting, light flashing and switch delay, scene, operation hours counter, logic and force operation;
2. Curtain output (AC/DC): connect with motor blinds, awnings, roller blinds, vertical blind, etc. With operating shutter and slat adjustment, automatic sun protection, scene and safety operating etc.
3. Fan control: support up to three level fan speed, with general operation, forced operation, Auto. operation and status response etc.
4. Valve control: connect with 2pipes or 4pipes system, support three valve control types: 3 point, open and close, continuous, PWM and 2state-ON/OFF, and support disable/enable HEAT and COOL, valve status response, valve purge etc..
5. Heating control: support continuous, PWM and 2 state-ON/OFF monitor and force function available.

More info:
<http://www.gvssmart.com/index.php?c=article&a=type&tid=33>



Product Name:
KNX Smart Touch V50.

Company Name:
Guangzhou Video-Star Intelligent Corp., Ltd

The IPS fully-fitted screen brings a wider viewing angle, and also integrates functions such as lighting, curtains, scenes, HVAC, air conditioning, floor heating, fresh air system, background music, RGBW dimming, color temperature control, etc. Quality inspection values and energy monitoring data are displayed on the screen, and a built-in temperature sensor detects the local ambient temperature. It is suitable for intelligent control of home and commercial buildings. It only needs one touch screen to control all common smart devices and meet most daily applications.

In addition, this product supports weekly timers, logic functions and event group functions, providing more possibilities for special and complex applications. It also supports practical and convenient functions such as proximity sensing, screen lock, screen saver, and touch vibration.

In particular, the product supports a variety of UI style displays and interface interaction methods, which are easy to use, and can also import customized background images, electronic photo albums, page icons and function icons according to user preferences.

The product is wall-mounted, and the horizontal and vertical are configured by the database. It can be quickly and easily installed on the European standard and Chinese standard junction boxes, and is also suitable for some American standard junction boxes. Using TP twisted pair communication, it is directly connected to the KNX system without any additional system gateway.

More info:
<http://www.gvssmart.com/index.php?c=article&a=type&tid=33>



Product Name:

KNX Smart Touch with push button,3-gang.

Company Name:

Guangzhou Video-Star Intelligent Corp., Ltd

The waltz panel not only supports screen touch operation, but also supports button operation, which brings a dual experience. At the same time, it also integrates lighting, curtains, scenes, temperature control, air conditioning, fresh air system, background music, RGB and RGBW color matching, and color temperature control. And other functions, and device status display, and built-in temperature and humidity sensors, can detect the local ambient temperature and humidity, to meet most daily applications.

In addition, this series of products supports logic function and scene group function, and 2 external input interfaces (can be used as dry contact detection or NTC temperature detection), providing more possibilities for special and complex applications. It also supports practical and convenient functions such as proximity sensing, screen lock, screen saver, and password access.

In particular, the key panel can be configured as a shortcut key of a functional device on the touch screen, and can also be used as a common key panel. When used as a touch screen shortcut key, users can configure and associate according to their needs, which is flexible and changeable. When used as an ordinary key panel, the functions of each key can be independently configured, including switch, dimming, curtain, scene, value sending, shift register, multiple operations, delay mode, thermostat operation mode, and sending strings. basic skills.

More info:

<https://www.gvssmart.com/article/460.html>

Guangzhou Video-Star Intelligent Corp., Ltd

GVS was founded in 1999, it is the first batch of enterprises to enter the video intercom and smart home industry in China. For more than 22 years, GVS has continued to develop in the field of space intelligence. Its business covers smart homes, smart communities, smart buildings, smart medical care, smart hotels, rail transit and other fields, providing global customers with intelligent control and video intercom system products. and integrated solutions. At present, more than 10,000 projects in more than 160 countries and regions around the world have realized intelligence. It is the world's leading provider of intelligent space system solutions. Has more than 410 employees, including 110 R&D engineers; established a KNX certified engineer training center in 2011, with more than 16 KNX tutors; we have 3 self-developed KNX protocol stacks, including KNX-07B0-Secure: encryption and authentication communication mechanism , to ensure the security and reliability of communication; Also our OEM products have been certified by CE and KNX.

More info:

<http://www.gvssmart.com>



Product Name:

KNX Interfaces
(UIMtp / UIMip / UIMip-Sec / UIMrf)

Company Name:

Tapko Technologies GmbH

KNX interfaces are mainly used for the commissioning of KNX devices, diagnosis of bus devices and telegrams, visualization of states and connection to external third-party systems. For the OEM business, TAPKO Technologies GmbH develops optimised KNX products for corresponding fields of application and transmission media. All Tapko KNX interfaces support long frame telegrams and transmit KNX secure telegrams. The KNX USB interface for TP UIMtp is not just a USB interface, but is also used as a reference standard by the KNX certification bodies. The KNX IP interface UIMip connects to the IT world with commissioning tools and visualization systems, via Ethernet. The secure version UIMip-SEC is now available for secure and encrypted data transmission too. TAPKO Technologies GmbH is one of the pioneers to launch a compact USB stick with KNX RF Ready S-Mode interface UIMrf for the commissioning and diagnosis of KNX RF devices. Programming is easily accomplished by simply plugging the UIMrf into an available USB port on a PC/laptop. Subsequently, the KNX RF devices can be then commissioned into operation using the ETS.

More info:

<https://www.tapko.de/products/>



Product Name:

KNX Power Supplies
(KPS640/IPS640/MECps)

Company Name:

Tapko Technologies GmbH

KNX Power supplies play a vital role in the KNX installation. They provide sufficient current and voltage, ensure secure telegram transmission and filter out unwanted interferences. Tapko Technologies GmbH's KNX Power supply KPS640 has included all of the essentials as design prerequisites while deriving a standard product in a compact size and at a competitive price. The world's smallest intelligent KNX Power supply IPS640 (measures only 36mm) provides diagnostic functions for technical facility management due to the integrated KNX bus coupling unit. The latest KNX Power supply innovation is called "MECps". This compact device combines basic properties of the KNX Power Supply KPS640 with advanced functionality of a KNX line coupler MECtp. MECps successfully houses all the critical features for two different KNX system devices (that are essential for a bus line to work) into one device that measures only two space units!

More info:

<https://www.tapko.de/products/>



Product Name:

KNX Line/Area Couplers

(MECtp/MECtp-Sec/MECip/MECip-Sec/MECrf /MECps640)

Company Name:

Tapko Technologies GmbH

Tapko's KNX Line/Area couplers are used in large KNX installations where "Sublines" are to be connected to the main lines. These devices are available as OEM products from TAPKO Technologies GmbH. The KNX Line/Area coupler MECtp ensures communication between the TP line and the TP area. MECtp can also be used and parameterised as a KNX Router, which extends a KNX line to support up to 256 Devices. The KNX IP router MECip is used as a backbone communication between KNX-TP and KNX-IP. Both devices are also available in the KNX Secure version as "MECtp-Sec" and "MECip-Sec", respectively. With the release of ETS6, the segment coupler functionality in MECtp, MECip (and their KNX Secure versions) is introduced. A novel and innovative KNX device MECps640 combines the basic features of KNX power supply KPS640 with advance functions of a KNX Line/Area coupler MECtp in a mere 2-space-units compact size. Another KNX device that is available for communication via radio frequency is KNX RF media coupler MECrf. This device establishes the bi-directional communication between the KNX RF field devices and the KNX TP line.

Tapko Technologies GmbH

TAPKO Technologies GmbH is a KNX pioneer with 30 years of experience in the development and complete production of OEM devices and technology. This enables other KNX members to enhance their product portfolios efficiently. TAPKO provides know-how, design tools, software, hardware and KNX certification during product development and production. TAPKO's KNX communication stack (KAStack) supports S and E modes on all common media. KAlstack has its own hardware development platform. As a full-fledged KNX member, TAPKO has developed from a German specialist to an international manufacturer of OEM products. Tapko's focus is KNX system devices and couplers with KNX Secure technology. All our OEM Devices are KNX certified and CE conform. Our manufacturing in Europe is ISO 9001 certified and the staff is IPC trained.

More info:

<https://www.tapko.de/products/>

More info:

www.tapko.de



Product Name:
KNX IP BAOS 777

Company Name:
Weinzierl Engineering GmbH

The KNX IP BAOS 777 is a powerful universal device for KNX installation: Thanks to the integrated web server, the device enables the visualization and control of buildings, rooms and functions in a standard web browser on a PC or mobile devices such as smartphones and tablets.

The new, integrated e-mail function allows individual notification of several recipients, e.g. in case of status changes or an alarm. The integration of a Date & Time Server (NTP) makes it possible to obtain the date and time automatically via the Internet and to synchronize one's own KNX installation. Extensive time functions allow the realisation of a powerful KNX time switch with weekly function.

The configuration is done exclusively with the ETS software - no extra software or tool is required.

The device also offers the function of a KNX IP interface (KNXnet/IP), for example as a programming interface for the ETS. Developers can access all functions via an API with BAOS RESTful Web Services. This allows the device to be used as an application-specific gateway, connecting the KNX bus to the existing IP infrastructure.

Best in Class: the KNX IP BAOS 777 represents a powerful residential gateway for building control with smallest size and minimal power consumption.

More info:
<https://weinzierl.de/en/products/777>



Product Name:
KNX IP LINEMASTER 762.1 SECURE

Company Name:
Weinzierl Engineering GmbH

The KNX IP LineMaster 762.1 secure combines the essential functions of a KNX bus line: KNX power supply with choke, KNX IP router and KNX IP interface. In addition to the bus voltage the power supply offers an auxiliary voltage.

The KNX IP router in the KNX IP LineMaster 762.1 secure allows forwarding of telegrams between different lines through a LAN (IP) as a fast backbone. Using the embedded KNX IP interface, the KNX line can be connected directly to a PC (e.g. by ETS).

The device supports KNX Security which can be enabled in ETS. As secure router the device allows coupling of not secured communication on KNX TP to a secured IP backbone. Also for the interface functionality (tunneling) KNX security prevents from unauthorized access. The IP address can be obtained by a DHCP server or by manual configuration (ETS) respectively.

This device works according to the KNXnet/IP specification using the core, the device management, the tunneling and the routing part. The KNX IP LineMaster 762.1 secure has an extended filter table for main groups 0 to 31 and is able to buffer up to 150 telegrams.

More info:
<https://weinzierl.de/en/products/762.1>



Product Name:

KNX IP ROUTER 752 SECURE

Company Name:

Weinzierl Engineering GmbH

The KNX IP Router 752 secure enables the secure forwarding (routing) of telegrams between different lines over a LAN (IP, Ethernet) as a fast backbone. As a secure router, the device enables the connection of unsecured communications on a KNX TP line with a secure IP backbone. The KNX IP Router 752 secure has an extended filter table for main group 0..31 and can cache up to 150 telegrams.

The device also serves as a secure interface between IP (Ethernet) and KNX and can be used as a programming interface for the ETS®. As a KNX Secure Interface (tunneling), the device prevents unauthorized access to the system. The connection between PC and interface is encrypted.

With the KNX IP Router 752 secure, the KNX bus can be accessed from any point in the LAN. Encryption also enables secure programming over the Internet. The security option can be activated or deactivated in the ETS.

The device is characterized by a compact design with a width of only 1 module with (18 mm) and is powered by the KNX bus.

The buttons and LEDs on the device allow a local diagnosis of the current operating status and possible communication errors.

More info:

<https://weinzierl.de/en/products/752>

Weinzierl Engineering GmbH

Weinzierl develops software and hardware components for building systems. The focus is on building networking based on the KNX standard. Weinzierl offers its customers comprehensive advice on system design and the full development of hardware, firmware and application software up to the certification of the product by its in-house test laboratory accredited by the KNX Association. In addition, Weinzierl is also active as a manufacturer of KNX devices - the focus is on the interface and gateway solutions, which are sold under its own brand but also as OEM versions. As developer of a KNX stack that performs well in millions of devices, with the new KNX stack NGS (Next Generation Scalable) and tools such as KScript Weinzierl provides its customers with the appropriate basis for the development of their own devices. If short development times are critical, then the KNX modules of Weinzierl are the best basis for product development. Tools such as the kdrive SDKs and the bus monitor Net'n'Node completes Weinzierl's offer for the KNX development. Overview KNX OEM Products

More info:

<https://weinzierl.de/>



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