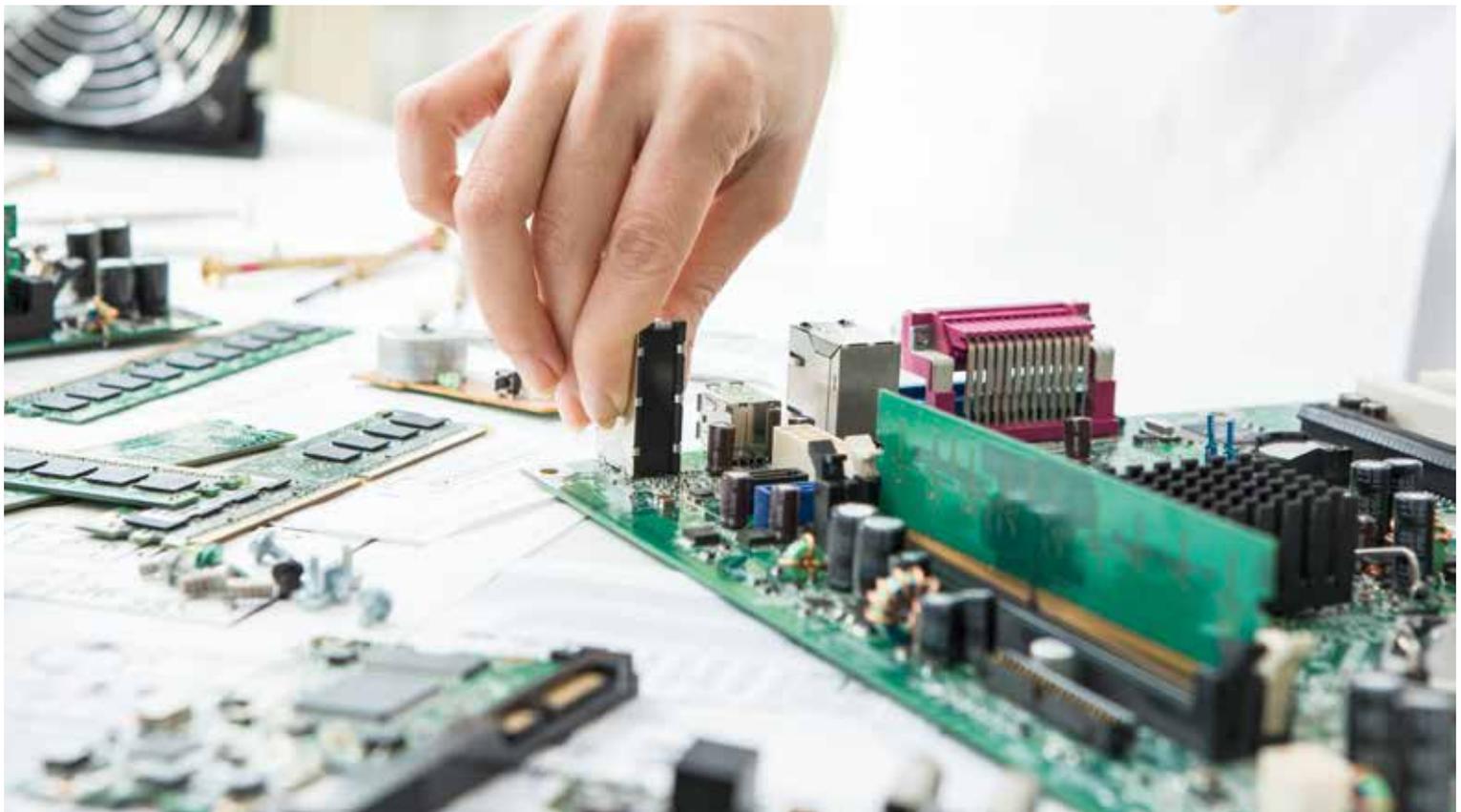




Smart home and building solutions.
Global. Secure. Connected.

KNX DEVELOPMENT

OEM Devices



OEM products ready for relabel, sponsored by KNX Members



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

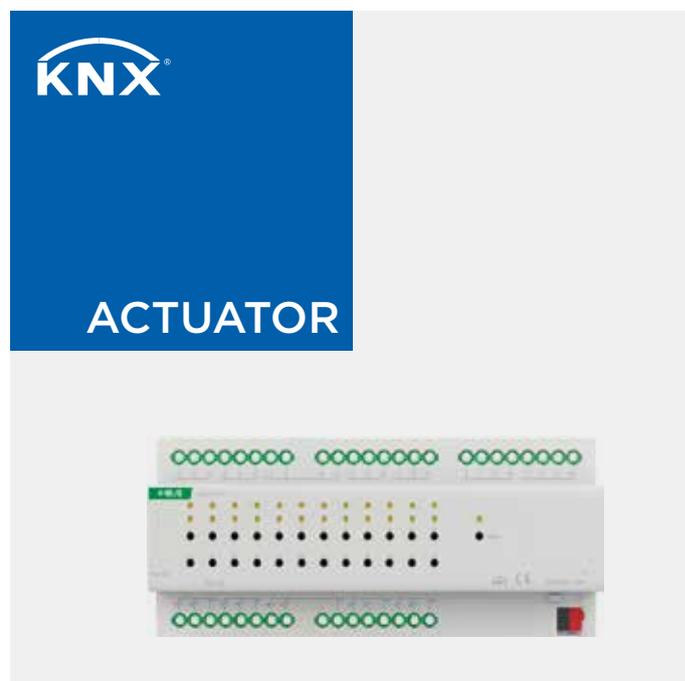
TAPKO TECHNOLOGIES GMBH KNX interfaces are mainly used for the commissioning of KNX devices, diagnosis of bus devices and telegrams, visualization of states and connection to external third-party systems. For the OEM business, TAPKO Technologies GmbH develops optimised KNX products for corresponding 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/>

KNX Power Supplies (KPS640/IPS640/MECps)

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/>



KNX Line/Area Couplers

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

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.

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

Multifunction Actuator

4 / 8 / 16 / 24-Fold

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 operation 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 2 pipes or 4 pipes system, support three valve control types: 3 point, open and close, continuous, PWM and 2 state-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>



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