DETRONS SMARE ANTENNA FIGURE 1915

SMART AUTOMATION SOLUTIONS

______ INTELLIGENT, RELIABLE, FUTURE-READY

Authorized partner



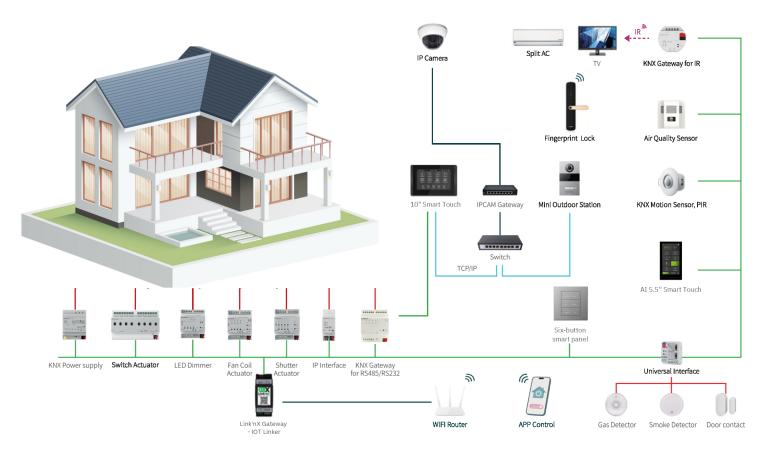
PRODUCT,,,
CATALOGUE



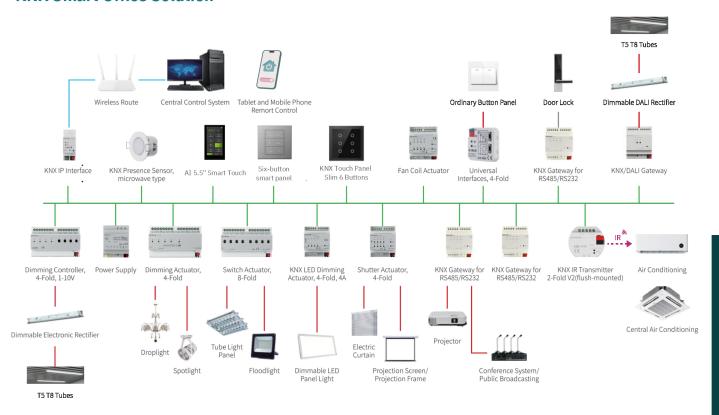
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KNX Smart Home Solution



KNX Smart Office Solution



- Signal line



KNX Touch Panels (TP Series – Smart Touch Series)

Premium Touch Panels for Full Smart Home Control

- 4-inch, 5.5-inch and Larger Touchscreen Panels
- Full Home & Building Control (Lighting, HVAC, Security, Blinds, & More)
- Multi-Touch Functionality with High-Resolution Display
- Seamless KNX & IP Integration
- Customizable UI for Personalized Automation Scenes
- Tabletop & Wall-Mounted Options Available

Designed for luxury smart homes, high-end hotels, and commercial projects.

KNX - Multifunction Touch Panel

- Flexible Expansion
- Stable and practical
- Full range of style
- · easy installation





KNX Smart Touch Panel



• **Dimension (mm):** 86 * 86 *38.2

4" Smart Touch

DST.4.3

Function

- 15 control pages including switch, dimming (two-color), curtains, scenes, and value sending
- HVAC, discrete air conditioning, floor heating, fresh air and other allin-one temperature control functions
- RGB and RGBW dimming
- Ambient air quality data monitoring
- energy metering
- · timer function
- 8 group event, 8 logic functions
- icon customization by SD card

5.5" Smart Touch

DST.5.3

Function

- 15 control pages including switch, dimming (two-color), curtains, scenes, and value sending
- HVAC, discrete air conditioning, floor heating, fresh air and other allin-one temperature control functions
- RGB and RGBW dimming
- Ambient air quality data monitoring
- energy metering
- timer function
- 8 group event, 8 logic functions
- icon customization by SD card



• Dimension (mm): 86*150*38



KNX Interfaces & Button Panels (IF Series – GL Series & TIT Series)

Sleek Interfaces for Seamless Control

- Glass Finish Button Interfaces (4-Button & 6-Button Panels)
- Metal & Plastic Smart Panels
- AC Control Interfaces
- Scene & Lighting Control Interfaces

Tactile and elegant options for premium automation projects.

Titan KNX Smart Interface & Button







A new exchange experience

Detrons series products integrate the four major interactive modes of button, touch, voice and app, Reshape the control rules at short, medium and long distances to achieve a more comprehensive and systematic interactive experience.

Inheriting the genes of technological aesthetics, shaping furniture wall art

The tough lines outline a minimalist design style, creating a brand-new aesthetics of home technology for you with high taste. A variety of color options to personalize your home.

Unprecedented humanized smart home experience

Supported by powerful cloud computing and artificial intelligence technology, the execution efficiency of traditional smart home has been improved to an unprecedented level, and the fool-like passive home interaction experience has been improved to a new level, so that beautiful and moving details can be seen everywhere

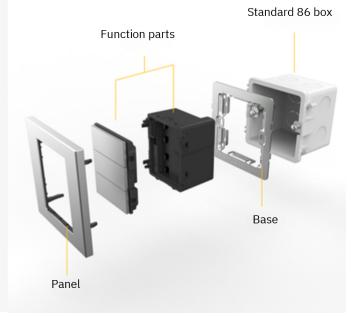
Easy to change panel colors/buttons

- Easy Steps
- Button Replacement
- No Professional Required
- User-replaceable

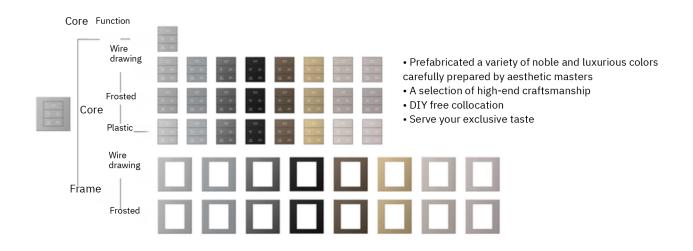








A variety of appearances and crafts can be freely matched





smart panel (KNX interface base)

Dimension (mm): 86*86*32



Four buttons smart panel

(KNX interface base)

DTIT.4B.3P

Elegant tactile button panel with LED indicators, supporting full KNX functions including switch, dimming, shutter, scene control, and value sending. (presence sensing)

- Power: KNX Bus only, 24V 30V DC, Max 30mA @ 24V
- . Installation: Wall-mounted, fits in 86 x 86 mm wall boxes

Material Plastic & Metal



Six-button smart panel (KNX interface base)

Elegant tactile button panel with LED indicators, supporting full KNX functions including switch, dimming, shutter, scene control, and value sending, (presence sensing)

- Power: KNX Bus only, 24V 30V DC, Max 30mA @ 24V Installation: Wall-mounted, fits in 86 × 86 mm wall boxes



Six-button smart panel with sincer (KNX interface base)

DTIT.6B.3M

Elegant tactile button panel with LED indicators, supporting full KNX functions including switch, dimming, shutter, scene control, and value sending. (presence sensing)

- Power: KNX Bus only, 24V 30V DC, Max 30mA @ 24V Installation: Wall-mounted, fits in 86 × 86 mm wall boxes

1.3 Four-button air conditioner smart panel (KNX interface base)

DTIT.4B.3P-AC DTIT.4B.3M-AC

material

Plastic & Metal

Intelligent air conditioning panel with OLED display, supporting VRV, fan coil, and IR control. Allows manual or remote temperature adjustment, mode selection, and fan speed control. Includes ambient gas detection and alarms.

- Power: KNX Bus only, 21-30V DC
- **Display:** OLED (1.3" / 1.54" / 1.68" / 1.71")





1.54 Six-touch key air conditioner smart panel (KNX interface base)

DTIT.6T.3P DTIT.6T.3M

Material

Plastic & Metal

Smart climate control panel with additional features such as sleep mode, ECO mode, humidity detection, and fresh air control. Allows for automatic scene integration.

- Power: KNX Bus only, 21-30V DC
- **Display:** OLED (1.3" / 1.54" / 1.68" / 1.71")
- Installation: Wall-mounted, fits 86 × 86 mm and German 60 × 60 mm wall boxes

Glass Finish Button Interfaces















DGL.6B.3-BK DGL.6B.3-SV

Function

Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icons customization.

- Power: KNX Bus only
- Consumption: bus 14mA
- Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes.
- **Dimension (mm):** 86*86*32









KNX Touch Panel Slim 4 Buttons

DGL.4B.3-BK DGL.4B.3-SV

Function

Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icons customization.

- Power: KNX Bus only
- Consumption: bus 14mA
- Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes.
- Dimension (mm): 86*86*32

Color option:





KNX Touch Panel Slim 2 Buttons

DGL.2B.3-BK DGL.2B.3-SV

Function

Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icons customization.

- Power: KNX Bus only
- Consumption: bus 14mA
- Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes.
- **Dimension (mm):** 86*86*32

Color option:





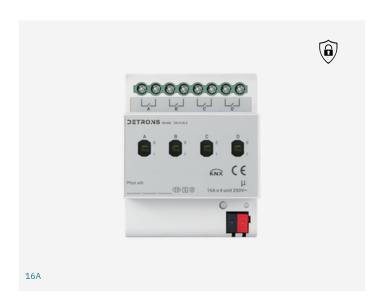




KNX Actuators & Dimmers

- Switch Actuators (Relay Actuators)
- Multifunction Actuators (Shutter & Lighting Actuators)
- DALI Gateways for Lighting Control
- Dimmer Actuators (0-10V, Dimming Modules)

KNX Switch & Multi-functional Actuator



KNX SWITCH ACTUATOR 4-FOLD, 16A

- Power: KNX Bus only
- Consumption: bus 12mA (Secure:6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.4.16.3 (Normal), DA.4.16.3-S (Secure), DAC.4.16.3 Current Mesurement (Normal), DAC.4.16.3-S Current Mesurement (Normal).

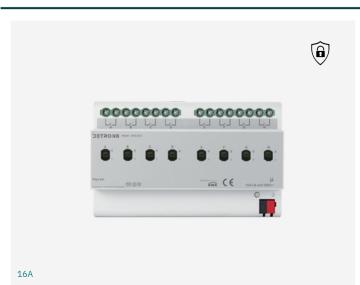
16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switch, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc.

Dimension (mm): 72*90*64

KNX SWITCH ACTUATOR 4-FOLD, 20A (NORMAL / SECURE)

- Power: KNX Bus only
- Consumption: bus 12mA (Secure:6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.4.20.3 (Normal),
 DA.4.20.3-S (Secure).





KNX SWITCH ACTUATOR 8-FOLD, 16A

- Power: KNX Bus only
- Consumption: bus 12mA (Secure: 6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.8.16.3 (Normal), DA.8.16.3-S (Secure), DAC.8.16.3 Current Mesurement (Normal), DAC.8.16.3-S Current Mesurement (Normal).

16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switch, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc.

Dimension (mm): 144*90*64

KNX SWITCH ACTUATOR 8-FOLD, 20A (NORMAL / SECURE)

- Power: KNX Bus only
- Consumption: bus 12mA (Secure:6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.8.20.3 (Normal),
 DA.8.20.3-S (Secure).





KNX SWITCH ACTUATOR 12-FOLD, 16A

- Power: KNX Bus only
- Consumption: bus 12mA (Secure:6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.12.16.3 (Normal), DA.12.16.3-S (Secure), DAC.12.16.3
 Current Mesurement (Normal), DAC.12.16.3-S Current Mesurement (Normal).

16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switch, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc.

Dimension (mm): 216*90*64

KNX SWITCH ACTUATOR 12-FOLD, 20A (NORMAL / SECURE)

- Power: KNX Bus only
- Consumption: bus 12mA (Secure: 6.5mA)
- Installation: DIN-rail Mounted
- Model: DA.12.20.3 (Normal),
 DA.12.20.3-S (Secure).



DETRONS

KNX 8-FOLD MULTI-FUNCTION ACTUATOR, 10A

• Power: KNX Bus only

• Consumption: bus 12mA (Secure:10mA)

Installation: DIN-rail Mounted
Model: DM.8.10.3 (Normal),

DM.8.10.3-S (Secure).

10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), fan control ,valve control (2 pipe & 4 pipe heating/ cooling).

Dimension (mm): 36*90*64



• Power: KNX Bus only

Consumption: bus 12mA (Secure:10mA)

Installation: DIN-rail Mounted
 Model: DM.16.10.3 (Normal),
 DM.16.10.3-S (Secure).

10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), fan control ,valve control (2 pipe & 4 pipe heating/ cooling).

Dimension (mm): 216*90*64

KNX 24-FOLD MULTI-FUNCTION ACTUATOR, 10A

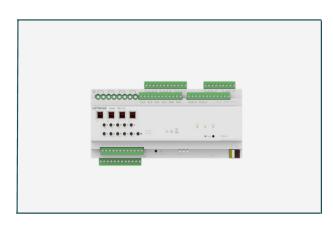
• Power: KNX Bus only

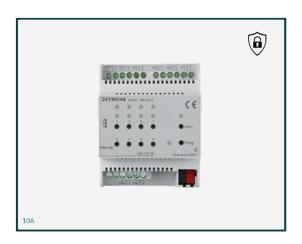
Consumption: bus 12mA (Secure:12mA)

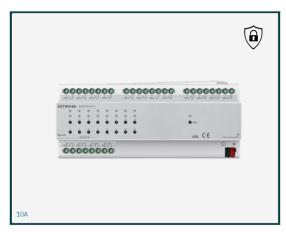
Installation: DIN-rail Mounted
 Model: DM.24.10.3 (Normal),
 DM.24.10.3-S (Secure).

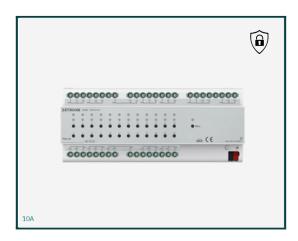
10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), fan control ,valve control (2 pipe & 4 pipe heating/ cooling).

Dimension (mm): 216*90*64







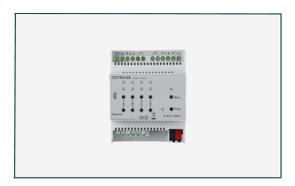


KNX Room Controller Smart 3.0

- Power: KNX Bus & Auxiliary.
- Consumption: bus 12mA & Auxiliary 200mA

Switch relay 4 * 16A,21 * 6A; 1 folds AC/Dry contact shutter, 2 folds TRIAC dimming, 3 folds 0-10V dimming, 1 fold fan coil actuator with 0-10V output valve, 1 fold IP protocol, 5 folds of dry contact/binary input/LED output. 4 group event,4 logic functions, 4 time functions, Three-wires PT1000 temperature sensor interface.

INSTALLATION: DIN-RAIL MOUNTED MODEL: DRC.-3.0 DIMENSION (MM): 216*90*64

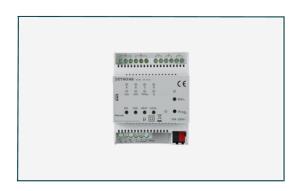


KNX Shutter Actuator 4-Fold DS.4.6.3

Function

4 independent outputs, each with 1 changeover contact (UP/DOWN mechanically interlocked), Max. switching current 6A resistive, 370W Motor. Shutter/ Blind working mode, scene control (8 folds).

- Consumption: bus12mA
 Installation: DIN-rail Mounted
 Dimension (mm): 72*90*64



KNX Fan coil Controller, 0-10V

Function

Output in 0-10V or 10A/105uF. Max. DC current switching capacity 16A/30V DC, 230V AC drive and 24V AC with 0-10V drive interface; three-wire PT1000 temperature sensor Interface. KNX functions including fan coil control, scene control (8 folds), outputs can be used as switch ones.

- Power: KNX Bus only.
- Consumption: bus12mA
 Installation: DIN-rail Mounted
- Dimension (mm): 72*90*64

KNX Dimming Actuator



KNX Universal Dimming Actuator, 1/2/4 fold, (KNX Secure)

Function

- Max. load 300W, leading / trailing edge
- phase dimming control. Un rated voltage 110~230V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (16 folds). staircase lighting, flashing switch, delay switch. threshold, forced, safety function, 8 logic function.
- Dimming curve adjustment (6 options+1 Customization) in ETS.
- Manual operation and Output indication
- Operating hours counter function.
- Power: KNX Bus only. Consumption: bus 6mA
- Installation: DIN-rail Mounted
- Model: DTR.1.3, DTR.2.3, DTR.4.3



KNX 1-10V Dimming Actuator 4-Fold, 16A

Function

- Passive DC 1-10V drive mode.
- switch current 16A /250V AC. no additional voltage input.
- KNX functions including swicth, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting
- Power: KNX Bus only.
- Consumption: bus12mA
 Installation: DIN-rail Mounted
 Model: DTRV.4.3 (Normal),
- DTRV.4.3-S (Secure)
- Dimension (mm): 144*90*64

KNX LED Dimming Actuator 4-Fold, 4A

Function

- · Constsant voltage drive mode, input 12-24V DC, rated current 4A, RGBW control.

 KNX functions including switch, relative &
- absolute dimming, status response, scene control (15 folds), preset, staircase lighting
- Power: KNX Bus only.
- Consumption: bus12mA
 Installation: DIN-rail Mounted
- Model: DTRL.4.3
- Dimension (mm): 72*90*64



KNX/DALI Gateway 1/2 Fold

- · Dali telegram broadcast function, fault detection of lamps and ballasts of DALI
- Max.64 DALI devices can be controlled (switch, dimming, brightness) each fold, 16 group control, 16 scene control. Support DCA APP in ETS or PC software configuration.
- Power: KNX Bus only. Consumption: bus12.5mA
- Installation: DIN-rail Mounted
- DLD.2.3
- Dimension (mm): 72*90*64





KNX Sensors & Input Modules

- Motion & Presence Sensors
- Temperature & Humidity Sensors
- Weather Sensors



KNX Presence Sensor, Microwave (KNX Secure) DSN.PIR.3-S

Diameter/radius 8m, max. mounting height 4m. With 24GHz microwave detection technology. Support 4 presence detector channels, and the first channel with 3 levels control, master/slave work mode, Constant lighting Control, RTC controller, Logic and scene group functions. Support KNX secure protocoal.

- Power: KNX Bus & Auxiliary.
- Consumption: bus 4.5mA & Auxiliary 24.5mA.
- Installation: Ceiling-mounted
- Dimension (mm): ϕ 65 x 38 mm



KNX Brightness & Motion Sensor 8M

Function

Diameter/Radius 8m, Max, mounting height 2m. Master-slave detector function, logic funciton etc.

- Power: KNX Bus only.
- Consumption: bus 19mA.
- Installation: Ceiling-mounted Dimension (mm): 72*91 (dm*h)



KNX Motion Sensor, PIR (KNX Secure) DSN.MOT.3-S

DiaDiameter/radius 14m, max. mounting height 12m. Wothpyroelectric infrared detection technology. Support 4 presence detector channels, and the first channel with 3 levels control, master/slave work mode, Constant lighting Control, RTC controller, Logic and scene group functions. Support KNX secure protocol

- Power: KNX Bus only.
- Consumption: bus 6.5mA.
- Installation: Ceiling-mounted/ Wall mounted, fits in 86*86mm and German 60*60mm wall boxes
- **Dimension (mm):** φ70 x 51.5mm



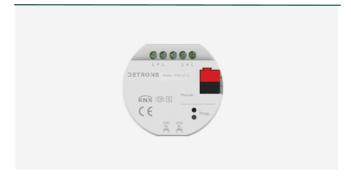
KNX Air Quality Sensor V2 DSN.AIR.3

Function

PM 2.5, PM 10, VOC, AQI, CO2, detection and display, built-in temperature & humidity sensor, connection to ventilation, cooling/heating, air quality control; 3 logic function.

- Power: KNX Bus & Auxiliary.
- Consumption: bus 3mA & Auxiliary 34mA.
 Installation: wall mounted, fits in
 86*86mm and German 60*60mm wall
- Dimension (mm): 86*86*48.3

Color option: White/Black



KNX IR Transmitter, Flush-mounted, 2-Fold

Function

Transimitting distance max. 2m, 1 fold 10A current detection. Support normal IR control of 30 IR codes, for air-condition control up to 266 IR codes. Support DCA APP in ETS configuration.

- Power: KNX Bus only.
- Consumption: bus 6.5mA.
- Installation: Flush Mounted, fits in 86*86mm and German 60*60mm wall
- Dimension (mm): 53*53*23.5



KNX Gateway for IR, Ceiling, V2

Installation height max. 4m, transimitting distance max. 3m (radius), auxiliary power 12-30V DC. Support universal IR control up to 30 IR codes, and aircondition control up to 266 IR codes. Support DCA APP in ETS configuration.

- Power: KNX Bus only.
- Consumption: bus 6.5mA.
- Installation: bus 8mA.
- Dimension (mm): 91*76*82.5



KNX Gateways & System Devices

- Switch Actuators (Relay Actuators)
- Multifunction Actuators (Shutter & Lighting Actuators)
- DALI Gateways for Lighting Control
- Dimmer Actuators (0-10V, Dimming Modules)



KNX 640mA Power supply

Input voltage 95V-255V AC, 50/60Hz, output 1: 30V DC +1/-2V, SELV with choke; output 2: 30V DC +1/-2V, SELV without choke, total 640mA, short-circuit-protection. Current level indicator. The minimum distance betwee 2 power supply in a line is 300meter

INSTALLATION: DIN-RAIL MOUNTED

MODEL: DPS.640.3

DIMENSION (MM): 72*90*64



KNX/ Tuya-Zigbee Gateway 2.0

Work as a KNX/ZigBee Gateway pro, upload KNX devices to Tuya platform for management, support KNX functions including lighting, curtain control, scene control, temperature control, AC, background music, HVAC, logic functions etc. Support Tuya APP to control KNX devices, and vice verse.

INSTALLATION: DIN-RAIL MOUNTED MODEL: DGT.ZB.3, DGT.ZB.3-EXT DIMENSION (MM): 36*90*64

• Power: KNX Bus & Auxiliary.

• Consumption: bus 4.5mA & Auxiliary 60mA

KNX LINE COUPLER

- Power: KNX Bus Main line & Subline.
- . Consumption: bus 10mA

Can be used as line coupler, backbone coupler or line repeater, filter table for line-crossing telegrams.

INSTALLATION: DIN-RAIL MOUNTED

MODEL: DSD.LC.3
DIMENSION (MM): 30*90*70



KNX/IP ROUTER

Telegram tunneling and routing, can be used as a line coupler, backbone coupler to connect several TP areas or different TP installation systems via Ethernet

INSTALLATION: DIN-RAIL MOUNTED MODEL: DSD.IPR.3
DIMENSION (MM): 30*90*70



KNX/IP INTERFACE (KNX SECURE)

RJ45 socket for10/100Base-T, IEEE 802.3 network, auto sensing, support max. 5 clients. Support KNX IP Secure, No need auxiliary power.

INSTALLATION: DIN-RAIL MOUNTED

MODEL: DSD.IPI.3
DIMENSION (MM): 36*90*64



KNX/IP INTERFACE 3.0 (KNX SECURE)

- Power: KNX Bus Main line & Subline.
- Consumption: bus 20mA

RJ45 socket for10/100Base-T, IEEE 802.3 network, auto sensing, remote programming. Project management, support 4 local clients & 1 KNXnet/IP Device Manager.

INSTALLATION: DIN-RAIL MOUNTED MODEL: DSD.IPI.3.0 DIMENSION (MM): 36*90*64

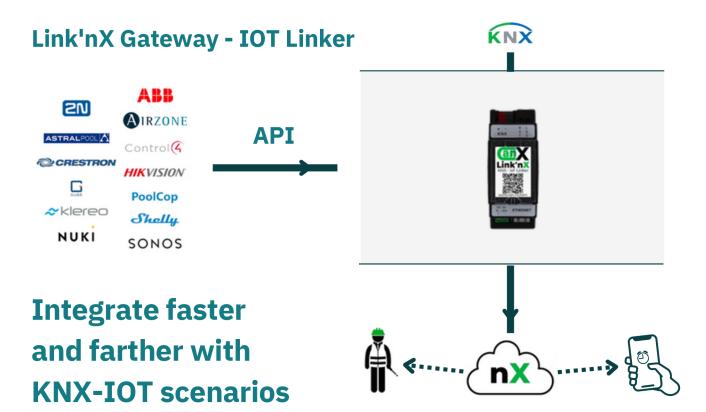




Featured Gateway (Special Gateway Highlight)

[Link'nX Gateway - IOT Linker] — Next-Generation KNX Gateway with Advanced Integration Features

- Supports multiple protocols (KNX, DALI, ZigBee, BACnet, etc.)
- Enhanced security & encryption for data protection
- Remote access & cloud connectivity features
- ETS-Compatible & Plug-and-Play Setup



The Link'nX Gateway simplifies the creation of advanced scenarios by centralizing KNX scenarios and communicating with other IP devices. It enables customization of scenarios based on triggers or me conditions using an astronomical clock, KNX events or IoT.

Link'nX boasts compatibility with renowned brands like 2N, ABB (terra ac), Airzone (aidoo), Hikvision, Gude, Nuki, Sonos, Shelly, and many more. This ensures effortless integration and opens the door to new integrations, regardless of the supervision system in place.

Features:

Online, from your cloud space, you can define scenarios or integrations between systems:

- Triggers (KNX, HTTPS, me, day, year, events on the aforementioned IP systems, day/night state) that will activate your scenarios.
- Conditions (year, day, me, sunrise or sunset me with offset, or a KNX/HTTPS event...).
- Actions (KNX/HTTPS/Action on the aforementioned IP systems) or action groups.
- Finally, the scenarios that compose the elements mentioned above.

Link'nX also allows you to send notifications for events. It's the ideal product for scheduling your outdoor garden lighting based on seasons or any scenario conditioned by day/night/me or any application requiring integration with cameras, intercoms, or any other IoT product.

Advanced Astronomical Clock: Add-on: • Triggers: KNX, HTTPS, Astronomical Clock • Remote access to your KNX system through a license • Conditions: KNX, HTTPS, Astronomical Clock Additional notifications Astronomical Clock with unlimited channels Licenses for IoT devices Centralizaon of Scenarios - KNX and others: **Technical Specificaons:** • Streamlined ETS programming for scenarios with CSV file import • KNX TP, S-Mode (ETS), 30V, 5mA • Ethernet: 10/100 Mbps · Creation/Modification of scenarios without ETS software Power Supply: 9-30V DC, 2 W KNX/HTTPS scenarios compatible with 2N, ABB, Hikvision, Gude, Operating Temperature: -25°/+55°C Shelly, Sonos, Nuki... • Dimensions: DIN Rail – 2 Modules – 35mm KNX/HTTPS Gateway Manufactured in Europe 2-Year Warranty



Authorized partner



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