DETRONS™

SMART AUTOMATION SOLUTIONS

INTELLIGENT, RELIABLE, FUTURE-READY

PRODUCT

CATALOGUE

www.detrons.com

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DETRONS™
Smart Automation Solutions

About Detrons

Since 2008, Detrons has been at the forefront of smart automation technology—engineering intelligent systems that power modern living spaces across the globe. From the earliest days, our focus has been clear: to design and manufacture world-class automation solutions that combine innovation, reliability, and elegance.

A Global Vision, Built from the Ground Up

Detrons began not as an integrator, but as a developer and manufacturer—building control interfaces, smart panels, and system modules long before smart homes became mainstream. Over the years, we've delivered automation solutions for projects in the UAE, Malaysia, Morocco, Saudi Arabia, Qatar, Switzerland, and beyond, gaining insight into diverse regional requirements and technical standards.

From Prototypes to Proven Products

We spent our early years in deep R&D—perfecting scene control logic, refining touch interface design, and ensuring seamless integration with KNX and other global protocols. Our products evolved through real-world testing in homes, schools, offices, and hotels, resulting in today's robust and mature lineup.

Recognized Across Continents

Today, Detrons is trusted by professionals across the Middle East, Asia, Africa, and Europe. Our flagship Titan Series smart panels and system components are known for their quality, compatibility, and refined aesthetics—used by consultants, integrators, and developers who value performance and design.
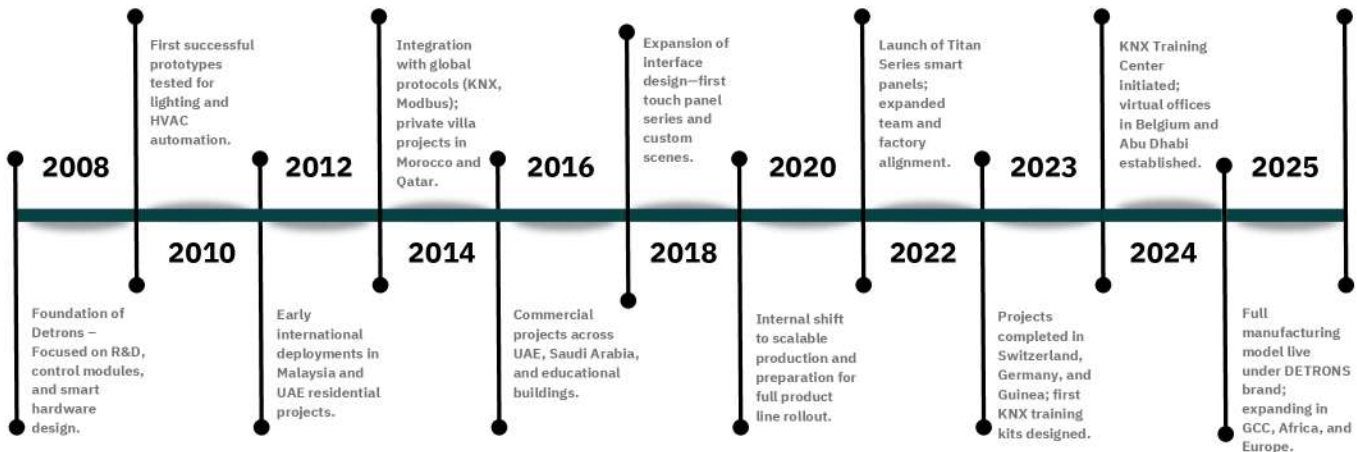
More Than Automation: A Commitment to Excellence

We continue to invest in KNX training, smart infrastructure R&D, and global distribution—expanding access to reliable automation technologies wherever they're needed. Whether you're planning a luxury villa in Dubai, a school in Cairo, or a high-rise in Kuala Lumpur, Detrons delivers the intelligence behind the walls.
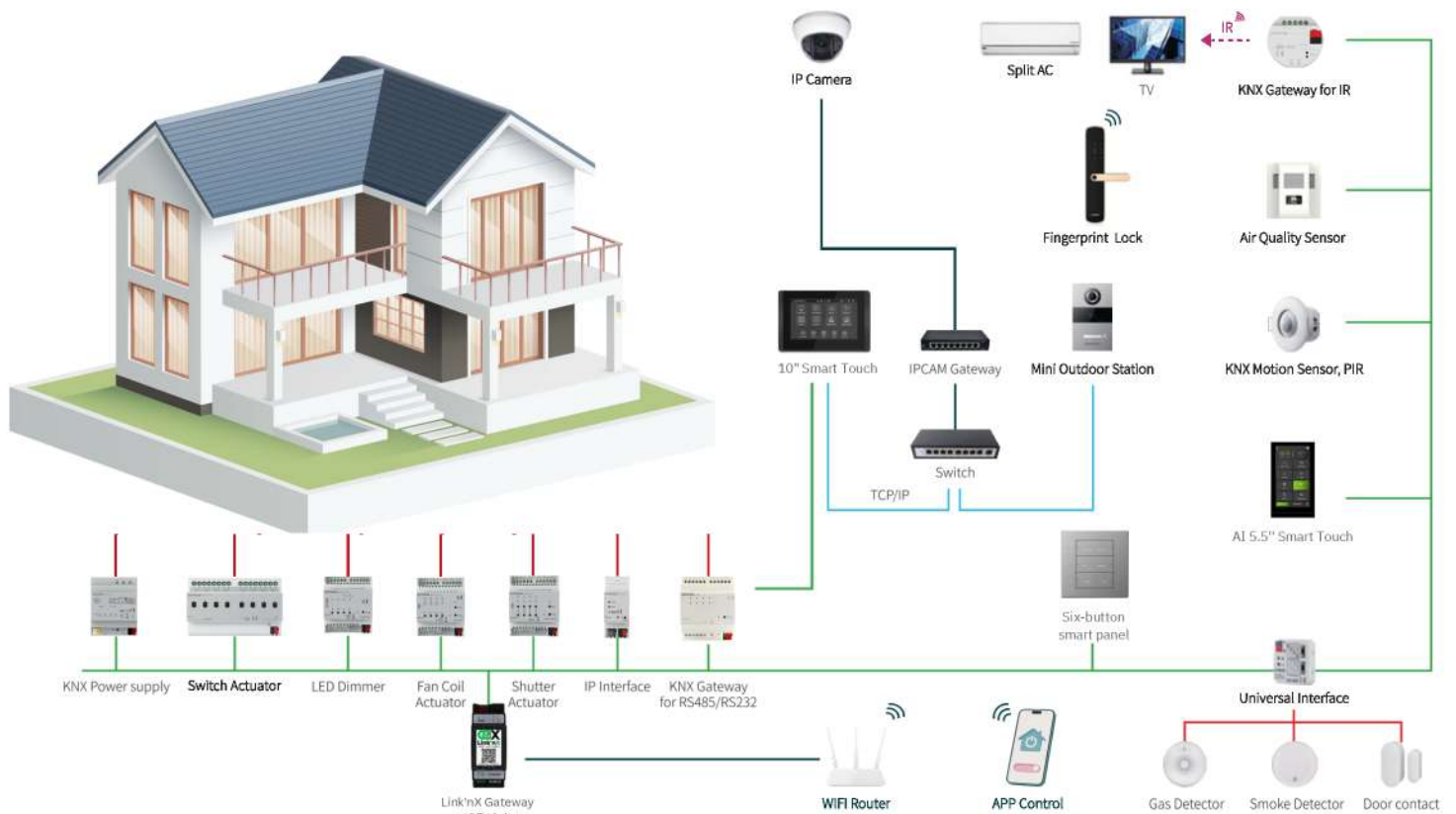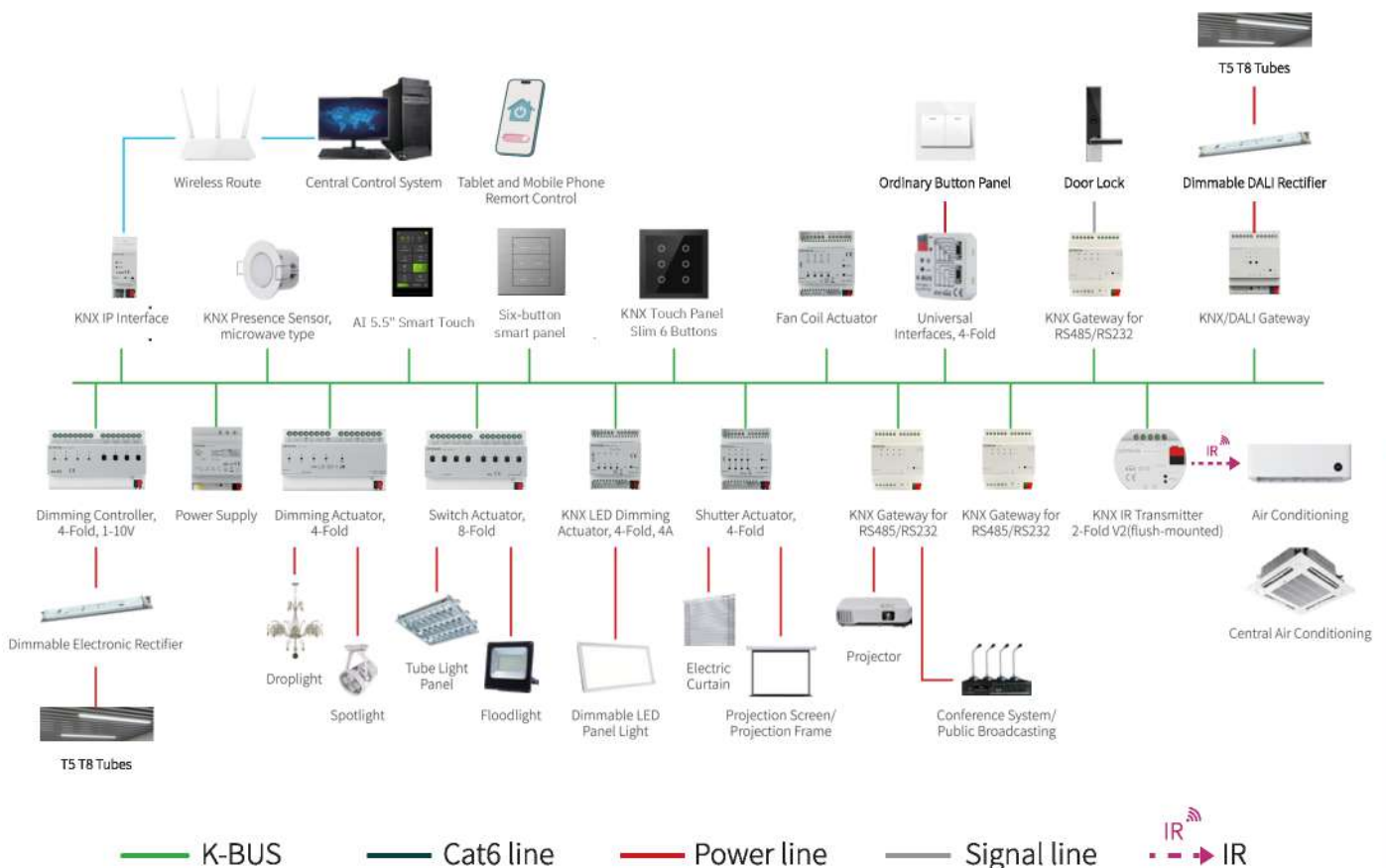
Solutions Overview

Residential Solutions
Transform your home with intuitive KNX automation, enhancing comfort, security, and energy efficiency with seamless control over lighting, climate, and smart devices.

| Lighting Control | Security Systems | Energy Management | Voice and App Control | Climate Control | Entertainment Systems |

Hotel Solutions
Deliver a next-level guest experience with personalized room automation, centralized energy management, and smart controls that optimize comfort and efficiency.

| Room Control Systems | Access Management | Energy Management | Guest Experience Features | Staff Efficiency | Lobby and Public Spaces |

Commercial & Office Automation
Enhance workplace efficiency with smart lighting, climate automation, and energy optimization, creating intelligent and connected office environments.

| Lighting Automation | Climate Control | Access Control | Conference Room Automation | Security Monitoring | Energy Optimization |

Detrons Milestone

2008 — Foundation of Detrons – Focused on R&D, control modules, and smart hardware design.

First successful prototypes tested for lighting and HVAC automation.

2010 — Early international deployments in Malaysia and UAE residential projects.

2012

Integration with global protocols (KNX, Modbus); private villa projects in Morocco and Qatar.

2014 — Commercial projects across UAE, Saudi Arabia, and educational buildings.

2016

Expansion of interface design—first touch panel series and custom scenes.

2018

2020 — Internal shift to scalable production and preparation for full product line rollout.

Launch of Titan Series smart panels; expanded team and factory alignment.

2022 — Projects completed in Switzerland, Germany, and Guinea; first KNX training kits designed.

2023

KNX Training Center initiated; virtual offices in Belgium and Abu Dhabi established.

2024

2025 — Full manufacturing model live under DETRONS brand; expanding in GCC, Africa, and Europe.

KNX Smart Home Solution

IP Camera

Split AC

TV

KNX Gateway for IR

Fingerprint Lock

Air Quality Sensor

10" Smart Touch

IPCAM Gateway

Mini Outdoor Station

KNX Motion Sensor, PIR

Switch

TCP/IP

AI 5.5" Smart Touch

Six-button smart panel

KNX Power supply

Switch Actuator

LED Dimmer

Fan Coil Actuator

Shutter Actuator

IP Interface

KNX Gateway for RS485/RS232

Universal Interface

Link'nX Gateway - IOT Linker

WIFI Router

APP Control

Gas Detector

Smoke Detector

Door contact

KNX Smart Office Solution

Wireless Route

Central Control System

Tablet and Mobile Phone Remort Control

Ordinary Button Panel

Door Lock

T5 T8 Tubes

Dimmable DALI Rectifier

KNX IP Interface

KNX Presence Sensor, microwave type

AI 5.5" Smart Touch

Six-button smart panel

KNX Touch Panel Slim 6 Buttons

Fan Coil Actuator

Universal Interfaces, 4-Fold

KNX Gateway for RS485/RS232

KNX/DALI Gateway

Dimming Controller, 4-Fold, 1-10V

Power Supply

Dimming Actuator, 4-Fold

Switch Actuator, 8-Fold

KNX LED Dimming Actuator, 4-Fold, 4A

Shutter Actuator, 4-Fold

KNX Gateway for RS485/RS232

KNX Gateway for RS485/RS232

KNX IR Transmitter 2-Fold V2(flush-mounted)

Air Conditioning

Dimmable Electronic Rectifier

Droplight

Spotlight

Tube Light Panel

Floodlight

Dimmable LED Panel Light

Electric Curtain

Projection Screen/ Projection Frame

Projector

Conference System/ Public Broadcasting

Central Air Conditioning

T5 T8 Tubes

—— K-BUS   —— Cat6 line   —— Power line   —— Signal line   - - ▶ IR

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 all-in-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 all-in-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

DETRONS™
Smart Automation Solutions

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

Function parts

Standard 86 box

Base

Panel
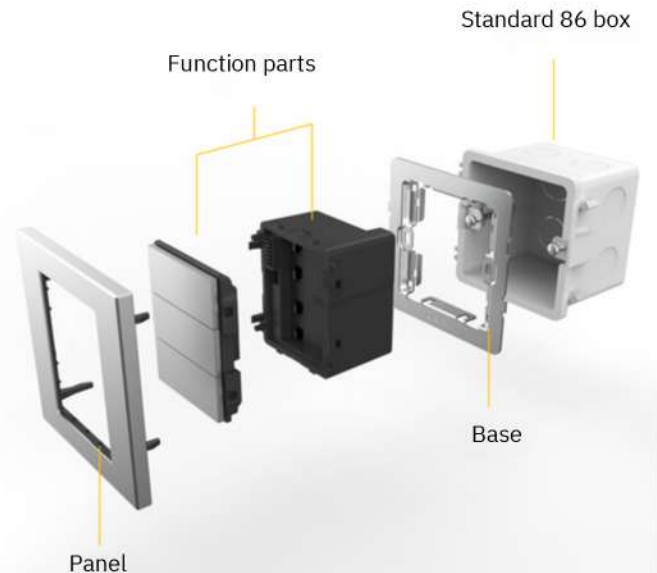
A variety of appearances and crafts can be freely matched

Core Function

Wire drawing

Core

Frosted

Plastic

Wire drawing

Frame

Frosted
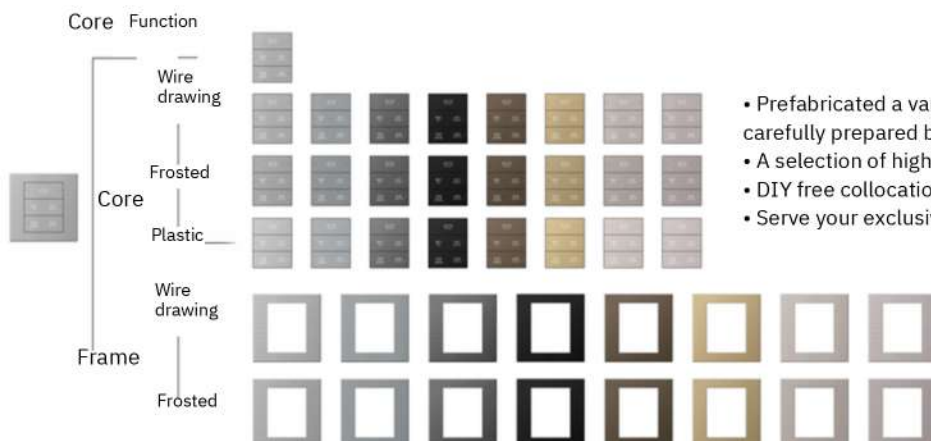
- Prefabricated a variety of noble and luxurious colors carefully prepared by aesthetic masters
- A selection of high-end craftsmanship
- DIY free collocation
- Serve your exclusive taste

smart panel (KNX interface base)

Dimension (mm): 86*86*32

Four buttons smart panel
(KNX interface base)
DTIT.4B.3P
DTIT.4B.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

Material	Plastic & Metal
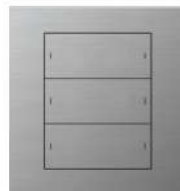
Six-button smart panel
(KNX interface base)
DTIT.6B.3P

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 × 86 mm wall boxes

Material	Plastic

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

Material	metal

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

KNX Touch Panel Slim 6 Buttons

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

Color option:

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)

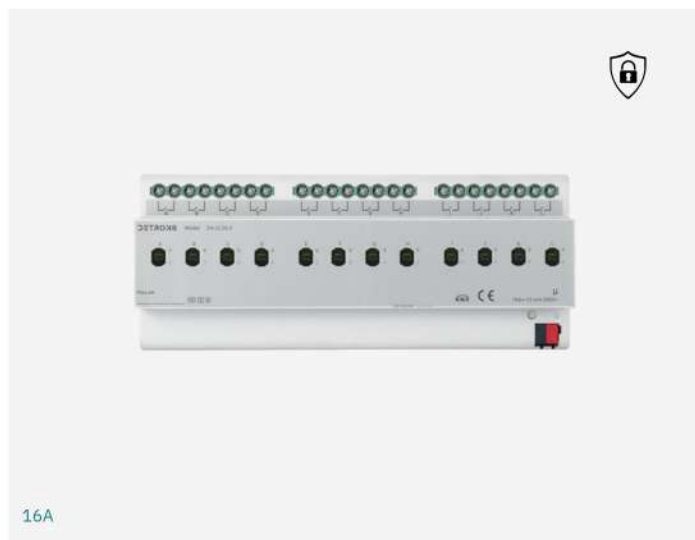# KNX Switch & Multi-functional Actuator

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

16A

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).
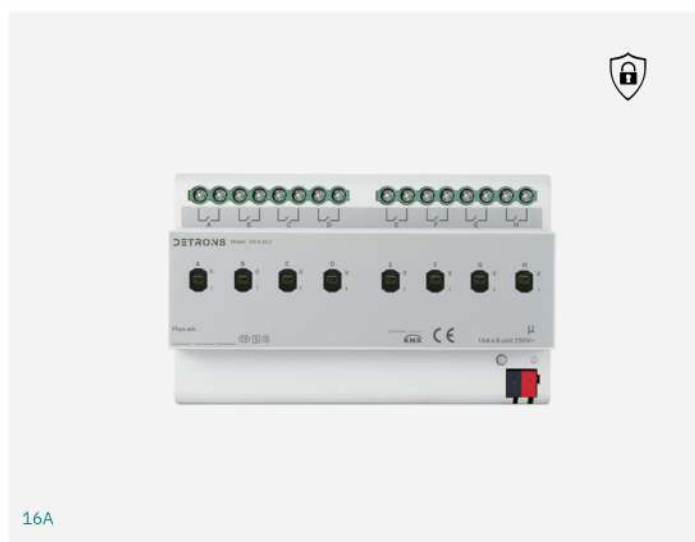
KNX SWITCH ACTUATOR 8-FOLD, 16A

- **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

16A

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

16A

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

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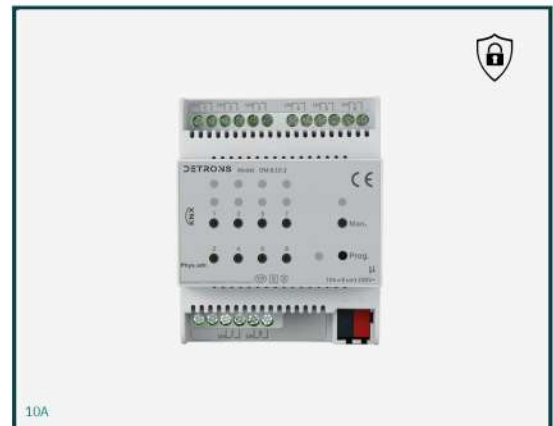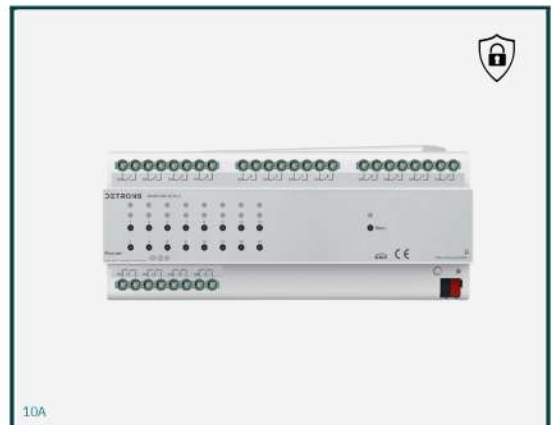- **Model:** DA.12.20.3 (Normal), DA.12.20.3-S (Secure).

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

KNX 16-FOLD MULTI-FUNCTION ACTUATOR, 10A

- **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
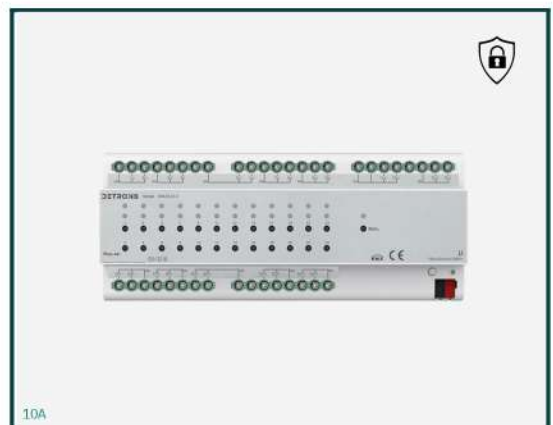
KNX Room Controller Smart 3.0

- **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).

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

KNX Fan coil Controller, 0-10V
DF.7.10.3

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 function.
- 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 switch, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting etc.
- **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 swicth, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting etc.
- **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

Function

- Dali telegram broadcast function, fault detection of lamps and ballasts of DALI devices.
- 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
- **Model:** DLD.1.3, 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

Function

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):** φ65 x 38 mm

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

Function

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 Brightness & Motion Sensor 8M
DSN.BR.3

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 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 boxes.
- **Dimension (mm):** 86*86*48.3

| Color option: | White/Black |

KNX IR Transmitter, Flush-mounted, 2-Fold
DIR.TX.2.3

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 boxes.
- **Dimension (mm):** 53*53*23.5

KNX Gateway for IR, Ceiling,V2
DIR.GT.3

Function

Installation height max. 4m, transimitting distance max. 3m (radius), auxiliary power 12-30V DC. Support universal IR control up to 30 IR codes, and air-condition 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

DETRONS
Smart Automation Solutions

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

DETRONS™

Link'nX Gateway - IOT Linker

API →
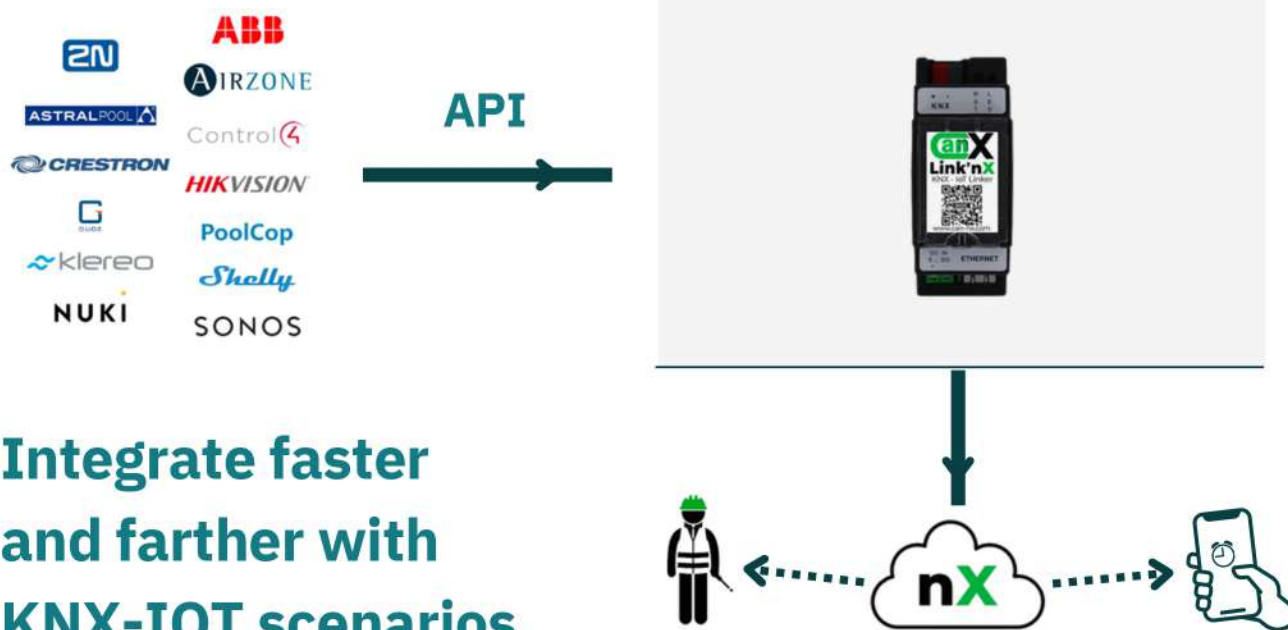
Integrate faster and farther with KNX-IOT scenarios

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 :

- Triggers: KNX, HTTPS, Astronomical Clock
- Conditions: KNX, HTTPS, Astronomical Clock
- Astronomical Clock with unlimited channels

Add-on :

- Remote access to your KNX system through a license
- Additional notifications
- Licenses for IoT devices

Technical Specificaons:

- KNX TP, S-Mode (ETS), 30V, 5mA
- Ethernet : 10/100 Mbps
- Power Supply: 9-30V DC, 2 W
- Operating Temperature: -25°/+55°C
- Dimensions: DIN Rail – 2 Modules – 35mm
- Manufactured in Europe
- 2-Year Warranty

Centralizaon of Scenarios - KNX and others:

- Streamlined ETS programming for scenarios with CSV file import from ETS
- Creation/Modification of scenarios without ETS software
- KNX/HTTPS scenarios compatible with 2N, ABB, Hikvision, Gude, Shelly, Sonos, Nuki...
- KNX/HTTPS Gateway

KNX Training Center & Dealer Program

- KNX Certified Training Courses Available
- Dealer & Installer Program Benefits
- How to Become an Authorized DETRONS Partner

KNX
Training Center

Empowering Smart Automation Professionals

▶ Certified KNX Training Programs

Covering foundational knowledge to expert-level certification.

▶ Hands-on Learning with KNX Demo Kits

Real-world application and system simulations.

▶ Led by Industry Experts

Training conducted by KNX-certified professionals.

▶ Recognized Certification

Graduates receive official KNX certification recognized globally.

"Knowledge is the foundation of innovation—our training center equips professionals to lead the future of smart automation."

Dealer & Installer Program Benefits

Join the **DETRONS Dealer & Installer Program** and unlock exclusive access to **premium KNX-certified automation products**, technical support, and business growth opportunities. Our program is designed to **empower dealers, system integrators, and installers** with the right tools, resources, and incentives to succeed in the growing smart automation industry.

Why Partner with DETRONS?

✓ Exclusive Dealer Discounts & Pricing

- Get access to competitive wholesale pricing and volume-based discounts to maximize your profitability.
- Special project-based pricing for large-scale smart automation installations.

✓ Certified KNX Training & Technical Support

- Comprehensive training programs to equip you with the knowledge and expertise to install, configure, and optimize DETRONS products.
- Dedicated technical support team to assist with product setup, troubleshooting, and system integration.

✓ Marketing & Branding Support

- Access to promotional materials, brochures, and marketing assets to help you sell DETRONS products effectively.
- Opportunity to feature your business as an official DETRONS partner on our website and social media platforms.

✓ Priority Access to New Products & Innovations

- Be the first to receive new product releases, software updates, and firmware enhancements before the general market.
- Beta testing opportunities for selected partners.

✓ Project Consultation & Customization

- Assistance in designing, planning, and implementing smart automation solutions for your clients.
- Custom product configurations based on project requirements.

✓ Extended Warranty & Service Benefits

- Special warranty extensions for official dealers and installers.
- Fast-track replacement & repair services for authorized partners.

✓ Networking & Business Growth Opportunities

- Invitations to exclusive events, trade shows, and industry networking opportunities.
- Connection with leading architects, consultants, and smart automation professionals.

AUTHORIZED PARTNER

How to Become an Authorized DETRONS Partner?

SUBMIT

Submit Your Application
Contact us via email or apply online.

Certification & Training
Complete the KNX-certified training program (for installers).

Account Activation
Get access to dealer pricing & support.

Start Selling & Installing DETRONS Products
Grow your business with world-class automation solutions.

For inquiries or to apply, contact us at:

info@detrons.com

www.detrons.com

DETRONS™
Smart Automation Solutions

@DETRONS_KNX

Contact

✉ info@detrons.com

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