



KN-MTB8-EU

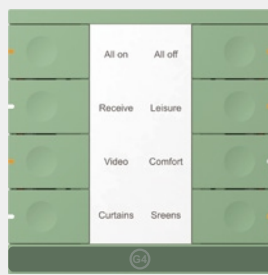
SMART G4 - KNX Range



FDP (Fixed Display Panel)

Easy Labeling Technology, Support scene control, lighting, curtain and projection screen.

With long and short press and reverse function. without auxiliary power supply;



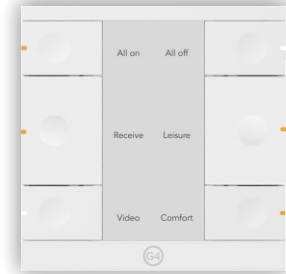
KN-FDP8B-EU

Feature

- Characteristics: Proximity sensor & RGBW color LED indicator for status, NFC replaceable icon and text display, customize number of buttons;
- Material: Plastic, Ink Screen;
- Support long press and short press setting;
- Colors: White, Black and Green (Support color customization);



KN-FDP4B-EU



KN-FDP6B-EU

Color



White



Green



Black

MIRROR

BED LED

CEILING

L. WALL



SOFA LIGHTS



ENTRANCE CORIDORE



ALL OFF



BEDSIDE RIGHT



RELAX SCENE



BEDSIDE LEFT



Dress up



Toilet



Vanity



OPEN CURTAIN



ROMANTIC SCENE



CLOSE CURTAIN



Enter



Shower



Night



WATCH TV MOOD



GOODBYE SCENE



Cabinet



Bath



All Off



COLD



COOL



WARM



VANITY LIGHTS



RELAX BATH



TOILET LIGHTS



BAR LIGHTS



FORMAL VISIT SCENE



DINING LIGHTS



WELCOME SCENE



ALL OFF SCENE



NIGHT SCENE





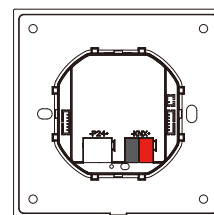
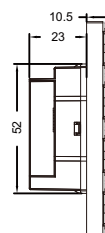
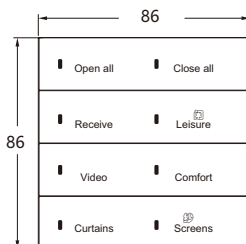
KN-MTB4-EU

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Specication

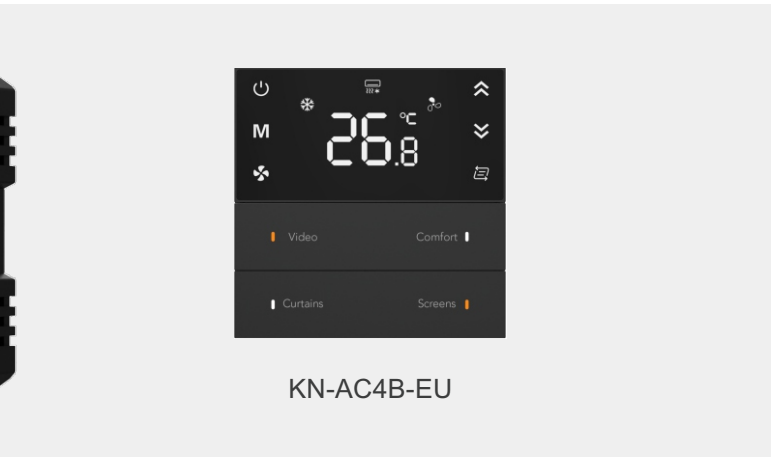
Bus voltage	21-30V DC
Bus current	≤ 12mA
Bus power	≤ 360mW
Dimension	86 x 86 x 10.5 mm



Length unit: mm

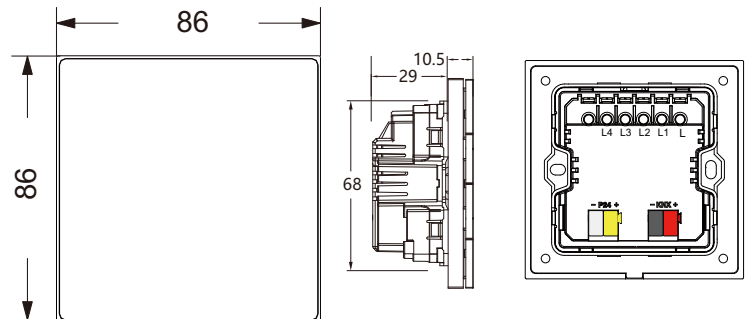
Black & White Touch Screen Thermostat

4-inch black and white touch screen for air conditioning control, fresh air system, air conditioning system and floor heating.



Specication

	24V DC
Auxiliary current:	≤ 60mA
Bus voltage:	21-30V DC
Bus current:	≤ 12mA
Bus power:	≤ 360mW
Dimension:	86 x 86 x 10.5mm



Length unit: mm

Feature

- 4-inch black and white touch screen for air conditioning control, fresh air system, air conditioning system and floor heating.
- Support mode setting and feedback display, including cooling, heating, fresh air, dehumidication and other modes;
- Support wind speed setting and feedback display. The wind speed can be set to low speed, medium speed and high speed;
- Air conditioner temperature setting and feedback display;
- Support the display of Celsius and Fahrenheit temperature;



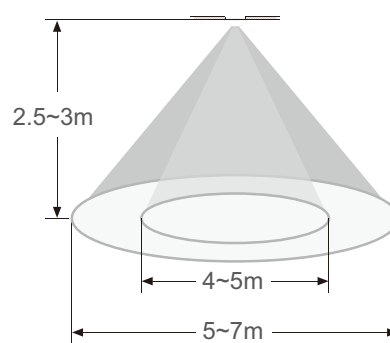
4 in 1 Multi-function sensor

Infrared+illuminance+temperature+humidity four-in-one detection, automatic management of lighting, air conditioning, curtains, dimming, and scenes.



Specication

Bus voltage:	21-30V DC
Bus current:	≤ 12mA
Working power:	< 360mW
Installation method:	Ceiling
Dimension:	80 30mm

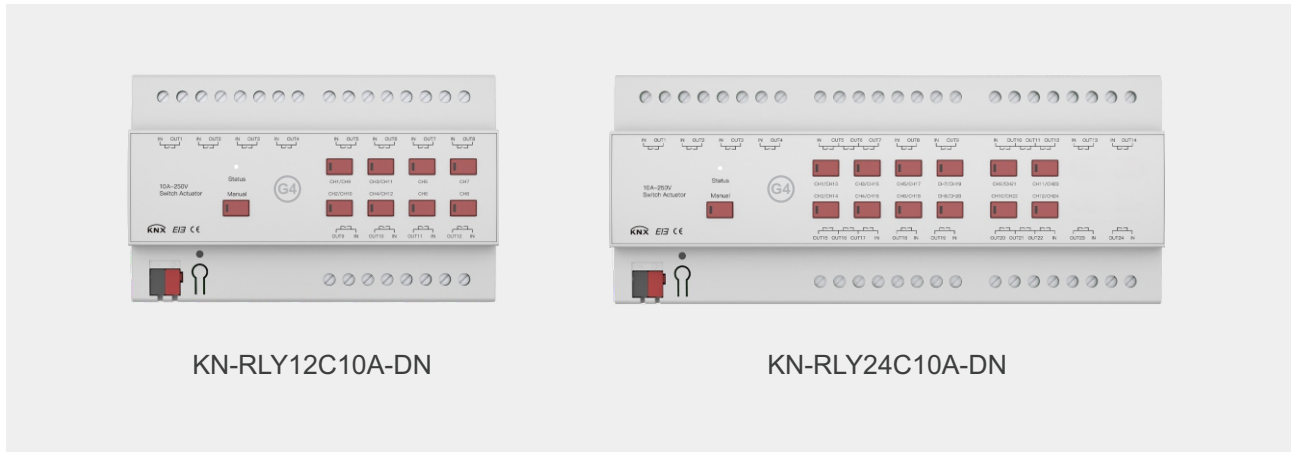


Feature

- Infrared+illuminance+temperature+humidity. Four-in-one detection, automatic management of lighting, air conditioning, curtains, dimming and scenes;
- Features: infrared+illumination+temperature+humidity detection;
- KNX power supply: 30V DC;
- Communication method: KNX bus;
- Certicates: KNX and CE;
- Installation height range is 2.5m~3m, recommended value: 2.7m;
- High sensitivity range 4m~5m;
- Maximum sensing range 5m~7m;



10A Multi Function Actuator (4/8/12/16/24 Channel)

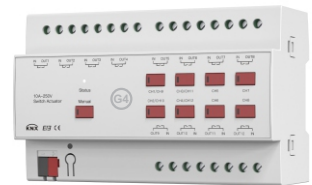


KN-RLY12C10A-DN

KN-RLY24C10A-DN

Specication

Bus voltage	21-30 VDC
Quiescent Current	≤ 12mA
Recharging current	≤ 20mA
Static power	≤ 360mW
Charging power consumption	≤ 600mW
Dimension	145mm x 90mm x 64mm 12 Channel 218mm x 90mm x 64mm 16/24 Channel



Feature

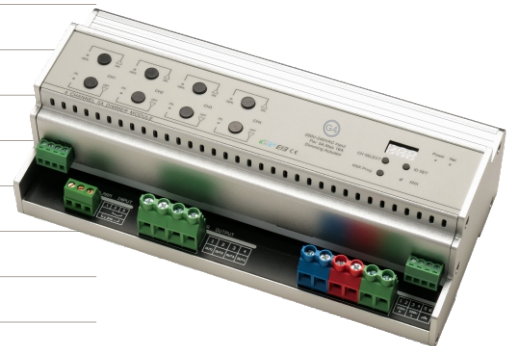
- 4 /8 /12/16/ 24-fold relays control, support mixed use of lights, curtains and fan coils.
- For switch support: 1. on-off; 2. timing; 3. cycle switch; 4. scene; 5. manual function;
- For curtain support: 1. Motor AC/DC control; 2. manual control;
- For fan coil support: 1. 3 types fan speed: high, middle, low; 2. Cool and heat valve control; 3. manual control;
- Delayed on/off function, timing off and cyclic switch function; With on-site saving, restoration function, status value inquiry and reply function;
- Selection of relay switching state after bus power-down and voltage recovery;
- With scene combination control and scene learning function;

L.E. Dimmer Actuator (1/2/4 Channel)



Specication

Rated voltage	200-240VAC 50/60Hz
Working power	≤ 2.5W 4-way 5A ≤ 3W 2-way 10A ≤ 3.6W 1-way 16A
Bus voltage	21-30V DC
Bus current	≤ 12mA
Dimension	220mm x 102mm x 68mm

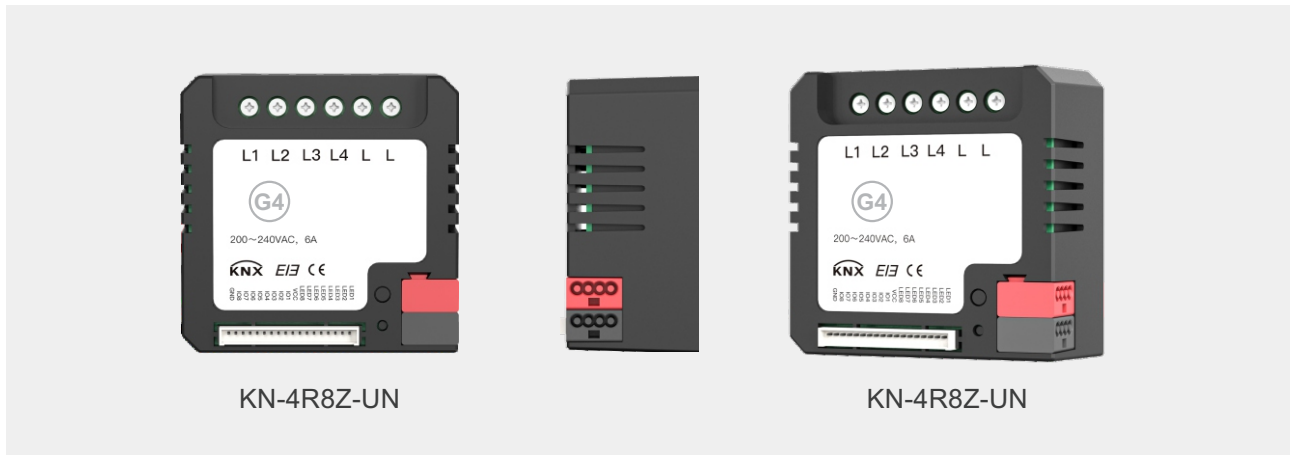


Feature

- 4-way 5A, 2-way 10A, 1-way 16A dimming module.
- Manual control dimming function, support relative dimming function and absolute dimming function;
- Leading edge dimming, support voltage dimming for LED spotlights, downlights, halogen lamps, quartz lamps and so on.
- With on-site save and restore functions;
- With scene combination control function, timing, cycle function, channel lock function.



4X8 Multi-function Mini Relay



Specication

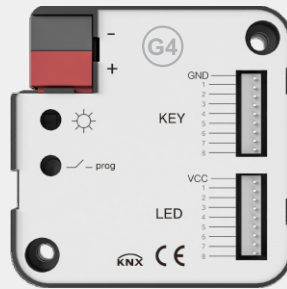
Bus voltage:	250VAC (50/60Hz), 30VDC
Rated current and capacitance:	6A 70uf, the total current of 4 loops doesnot exceed 12A
Maximum switching current:	15A/277V AC
Load power:	Max 800W (resistive load) Max 200W (capacitive load)
LED driving voltage:	12VDC
LED drive current:	≤ 1mA
Bus curren:	≤ 12mA
Bus power:	≤ 360mW
Dimension:	50mm x 50mm x 24mm

Feature

- With 4 relay with magnetic hold function;
- Switch lighting function;
- Curtain opening and closing function;
- Scene control function;
- 8-fold interface for LED indicator;
- 8-fold I/O dry contact input interface;



8X8 8 Channel Mini Actuator



KN-8R8Z-UN

Specication

Rated current and capacitance: 2A 70uf, the total current of 8 loops doesnot exceed 10A

Bus voltage 21-30V DC

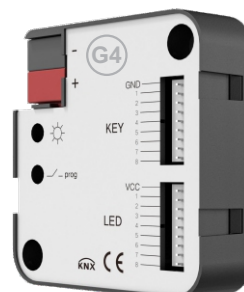
Bus current $\leq 12\text{mA}$

Bus power $\leq 360\text{mW}$

Dimension 46mm x 46mm x 12mm

Feature

- Switch lighting function;
- Curtain opening and closing function;
- Projection screen up and down function;
- Long press, short press and reverse function;
- Relative dimming and absolute dimming output function;
- Fixed value sending function;
- Scene control function;
- 8-way I/O dry contact input interface;



AC 3 in 1 Gateway



Specication

Bus voltage	21-30V DC
Bus current	≤ 12mA
Auxiliary voltage	12V DC
Auxiliary power	2W
Dimension	106mm x 96mm x 58mm
Installation method	Rail/place
Conguration upgrade	Bluetooth + WeChat

Feature

- 3-in-1 integrated control gateway for fresh air, oor heating and air conditioning;
- Suitable for standard KNX temperature control panels to directly control fresh air, oor heating, and air conditioning through integrated gateways;
- Suitable for building control BA/BMS and intelligent lighting to monitor the data of air conditioners, fresh air and oor heating;
- Control the switch, wind speed, mode, temperature of the indoor unit of the air conditioner;
- Feedback of the switch status, wind speed status, mode status and temperature of the indoor unit of the air conditioner;
- Setting status, indoor temperature status, etc;
- Support standard Modbus/KNX/IP; support timing, logic operation, etc.; support remote debugging/remote conguration;
- Air conditioner brands: Daikin, Mitsubishi, Mitsubishi Heavy Industries, Hitachi, etc.;
- Fresh air brands: Bailang, Lanshe, Panasonic, etc.;
- Floor heating brands: Hailin, Yilin, etc.

Multi-function Gateway



Specication

Auxiliary voltage	24V DC
Auxiliary current	≤ 75mA
Bus voltage	21-30V DC
Bus current	≤ 12mA
Dimension	145mm x 90mm x 64mm

Feature

- With coupler function, coupling different KNX branches;
Comes with 4-way RS485 custom interface, 3-way infrared IR, 4-way I/O dry contact interface, 8-way TCP/IP;
- All interfaces can be mixed with each other for communication;
- Communicate with the upper computer WINCONTROL intelligent lighting system integrated control software;
- Clock timing management function: Freely dene the clock management of the KNX branch line scene, time control for specic occasions, and switch on and off of the light timing through the schedule; With calendar, support choose the year, month, day, week and specic day at will. Setting up to 128 event time management



KNX/IP Router



KN-IP/ROUT-DN

Specification

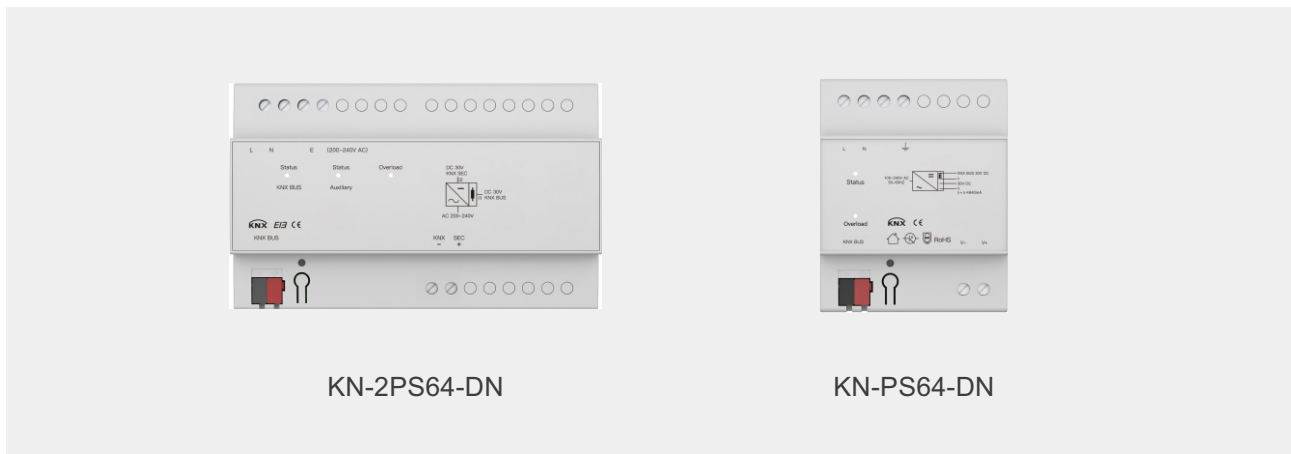
Auxiliary voltage	21-30V DC
Auxiliary current	≤ 12mA
Bus voltage	24V DC
Bus current	≤ 25mA
Bus power	≤ 360mW
Dimension	38mm x 90mm x 64mm



Feature

- Standard KNXnet/IP protocol, it can be used as a KNX net/IP server to provide standard bus device configuration, management, download and other functions;
- It can be used as a KNX branch line coupler and KNX area coupler to filter messages and reduce bus load;
- It can support 5 clients to connect and communicate, with a communication rate of 100M, suitable as a KNX high-speed backbone communication interface;
- Standard KNX/IP gateway, supports KNX communication software such as Control4, winsitch, Elvis, Net x Automation, etc.

KNX Power Supply



Specication

KN-PS64-DN

Voltage	200-240VAC, 50/60Hz
Bus output voltage	1 way with reactor, 30+1/-2V VDC
Bus output current	Max 640mA, Anti-short circuit
Auxiliary power output	1 way without reactor, 30V DC
Auxiliary supply output current	Max 500mA
Dimension	145mm x 90mm x 64mm

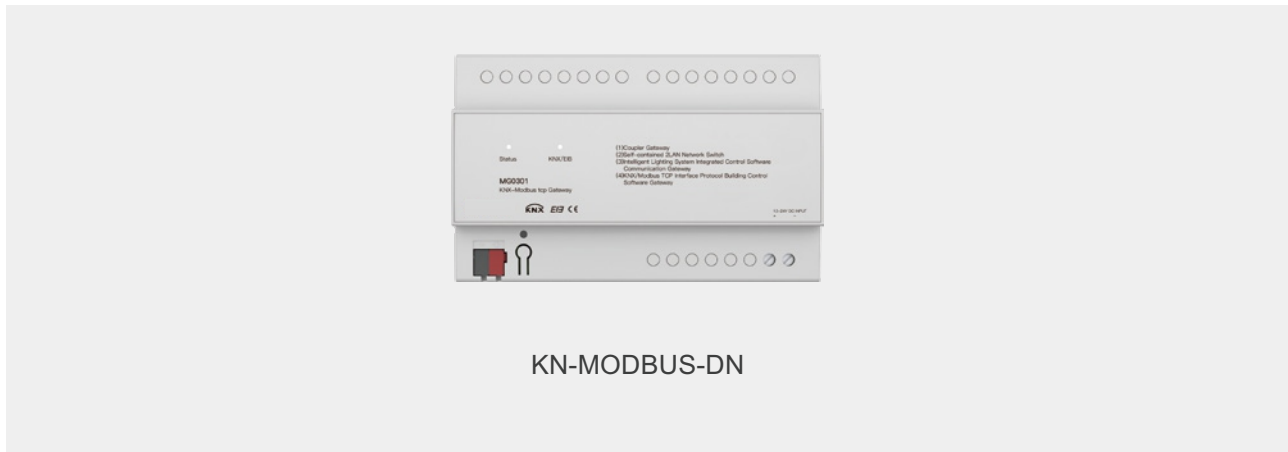


KN-2PS64-DN

Voltage	200-240VAC, 50/60Hz
KNX bus output voltage	1 way with reactor, 21-30VDC
Auxiliary power output	1 way without reactor, 30V DC
Nominal Output Current	I1+I2≤640mA, Anti-short circuit
Dimension	52mm x 90mm x 58mm



KNX/Modbus Control Gateway

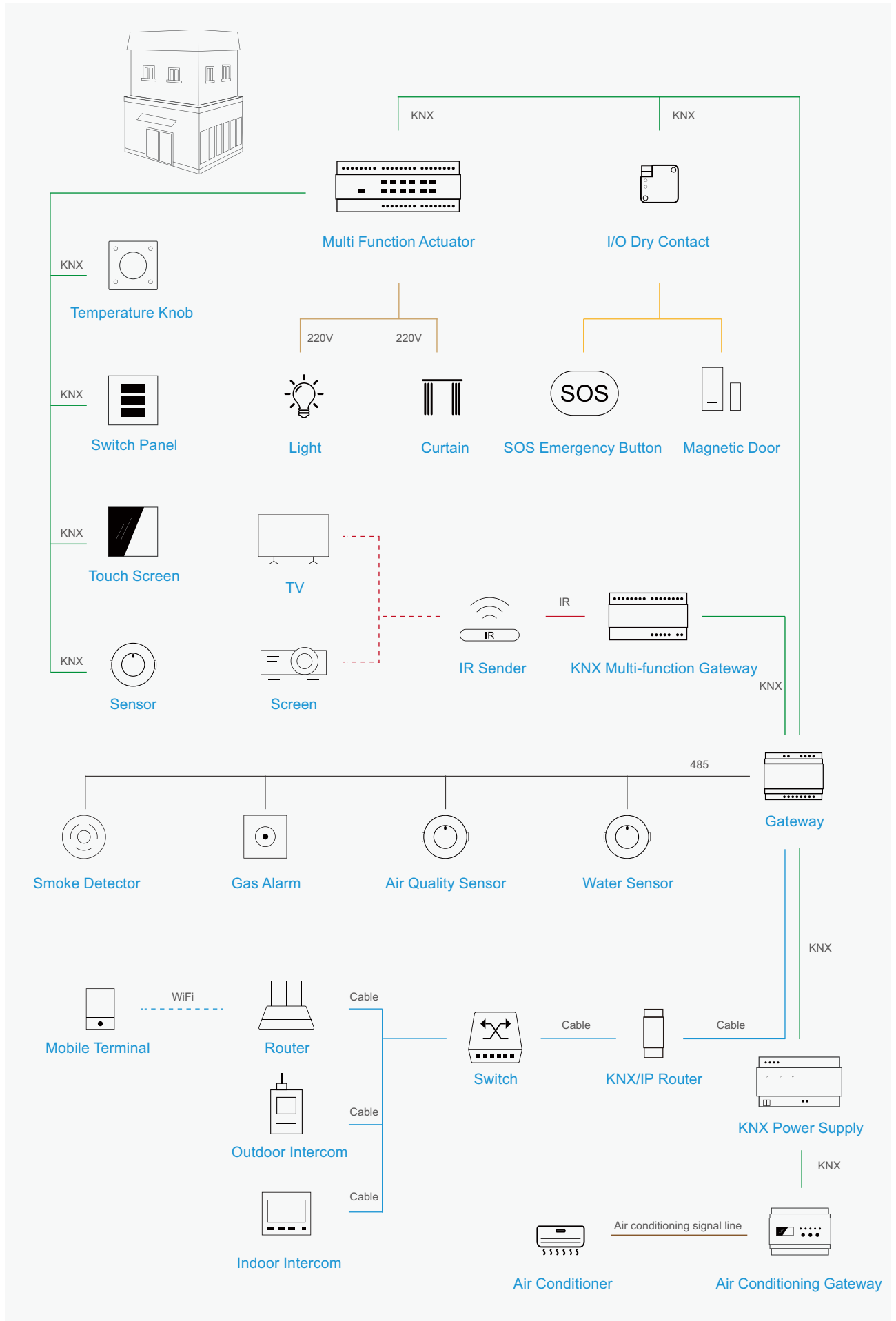


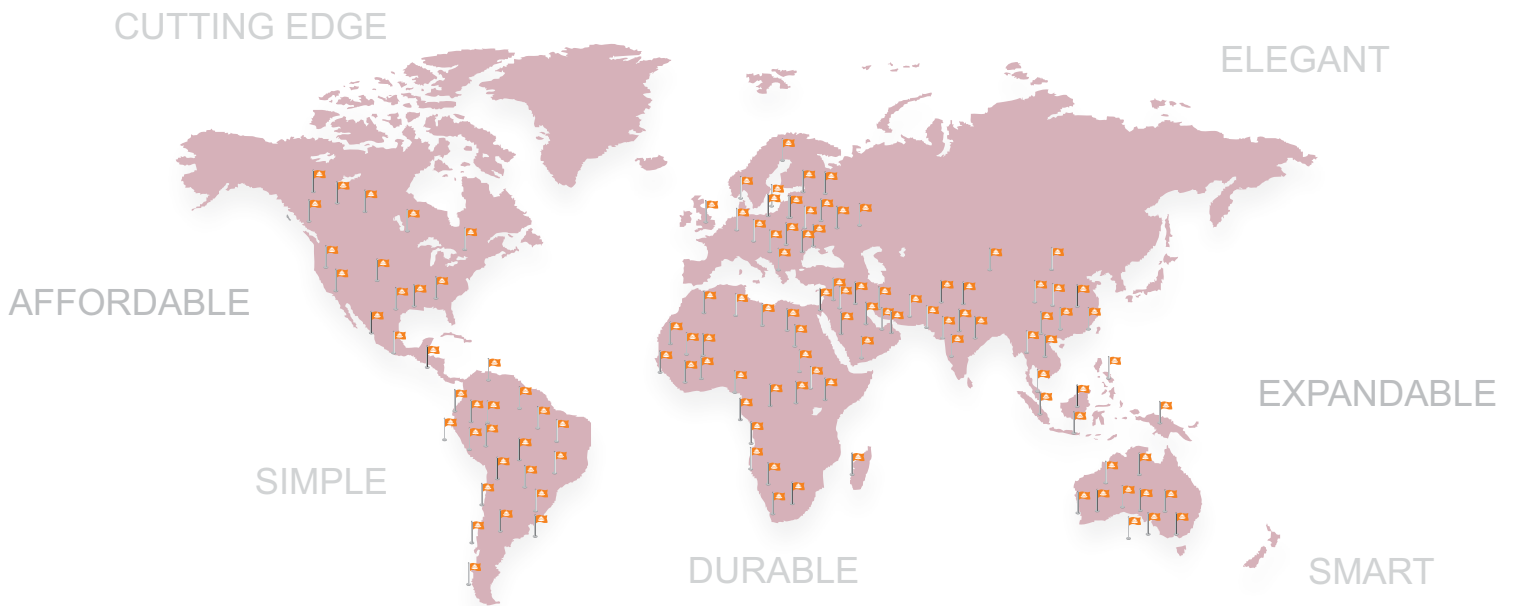
Specication

Auxiliary voltage	24V DC
Auxiliary current	≤ 75mA
Bus voltage	21-30V DC
Bus current	≤ 12mA
Dimension	145mm x 90mm x 64mm

Feature

- With coupler function to couple different KNX branch lines;
- KNX lines with the same group ID can be set to communicate with each other, and KNX communications with different group IDs do not interfere with each other;
- Support communicate with the upper WINCONTROL intelligent lighting system integrated control software;
- Self-contained network switch, 2 LAN interfaces;
- Support the conversion between KNX/modbus, switch data 1bit, dimming, temperature, humidity, illuminance, current, voltage, power data 1byte or 2byte bidirectional transmission;
- Modbus host can actively read the temperature, humidity, illumination, current, voltage, power and other data of KNX devices in the gateway;





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