EDNAKE
SMART HOME SOLUTION

DNAKE (Xiamen) Intelligent Technology Co., Ltd.

CONTENTS

01 GENERAL OVERVIEW

02 SMART PANEL

03 SMART SWITCH

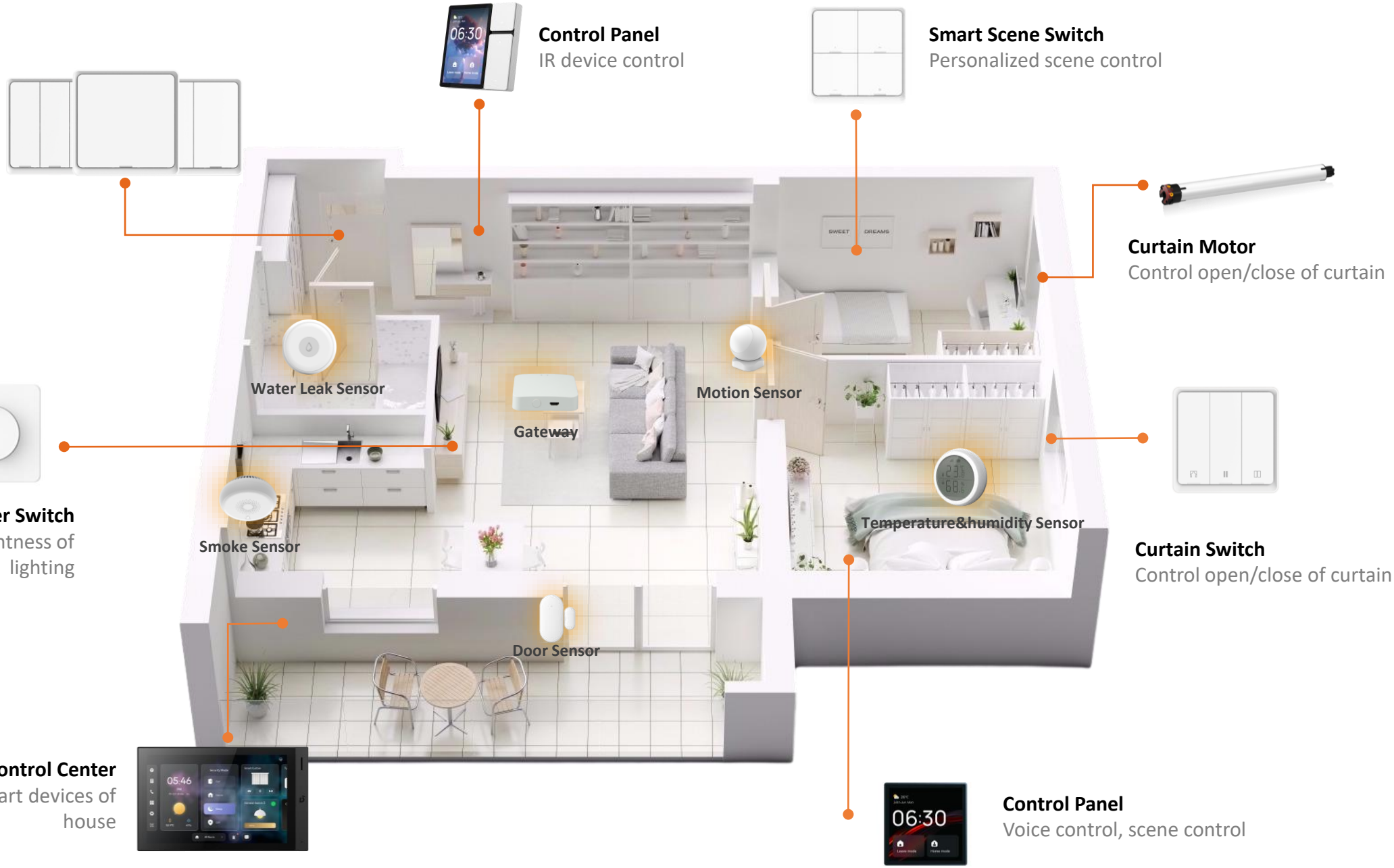
04 SECURITY SENSOR

05 CURTAIN MOTOR

01

GENERAL OVERVIEW

www.dnake-global.com


Control Panel
IR device control
Smart Scene Switch
Personalized scene control
Smart Switch
Switch on/off light
Curtain Motor
Control open/close of curtain
Water Leak Sensor
Motion Sensor
Gateway
Smart Dimmer Switch
Switch and adjust brightness of lighting
Smoke Sensor
Temperature&humidity Sensor
Curtain Switch
Control open/close of curtain
Door Sensor
Control Center
Control all connected smart devices of house
Control Panel
Voice control, scene control

All-in-One Smart Living Solution

One Panel, One App

- Video intercom + whole-home smart control in one system for a seamless living experience.

Voice Control Ready

- Works with Siri and Alexa. Use natural voice commands to control lights, curtains, AC, and more.

Custom Smart Scenes

- Set up personalized modes like “Home”, “Away”, or “Sleep” to automate multiple devices in one tap.

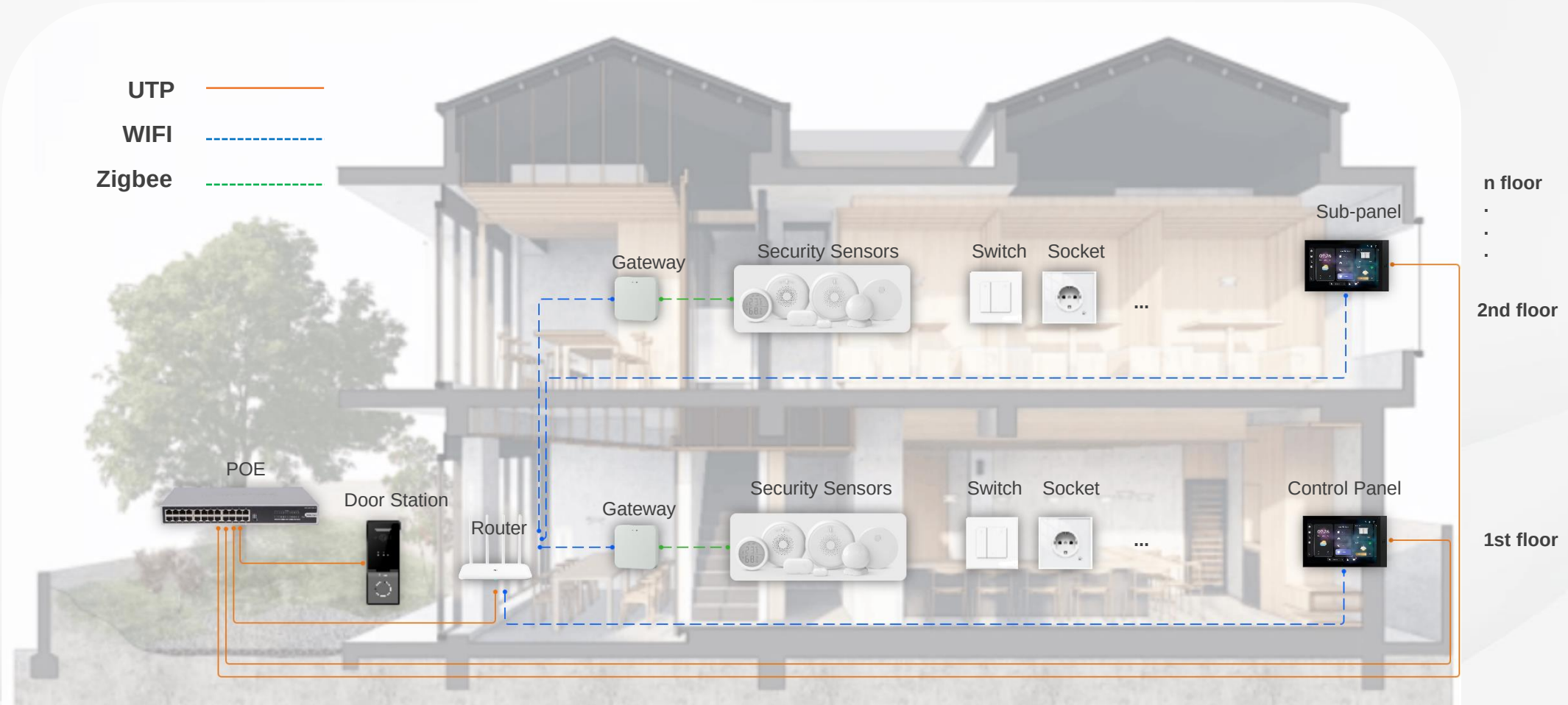
Remote Access Anywhere

- Control devices, check status, talk to visitors, and unlock doors anytime via mobile app.

Offline Local Control

- Stay connected even without internet. Supports stable LAN-based local control.

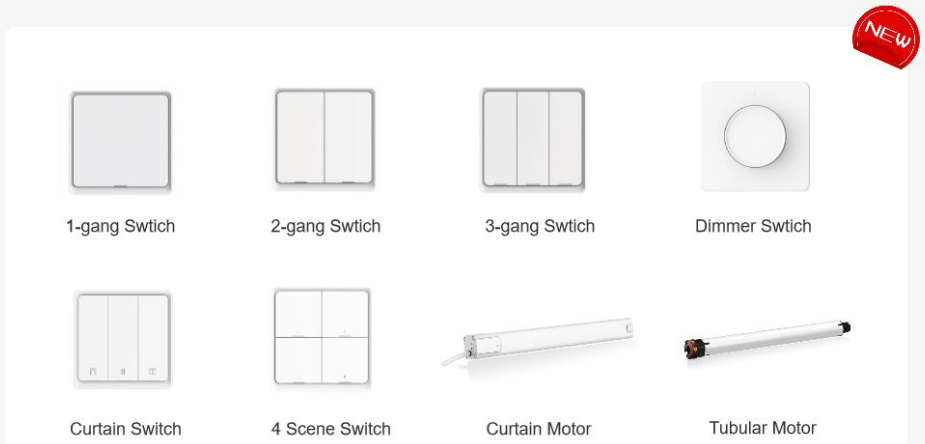
VILLA SOLUTION



APARTMENT SOLUTION

SMART HOME & INTERCOM TWO IN ONE

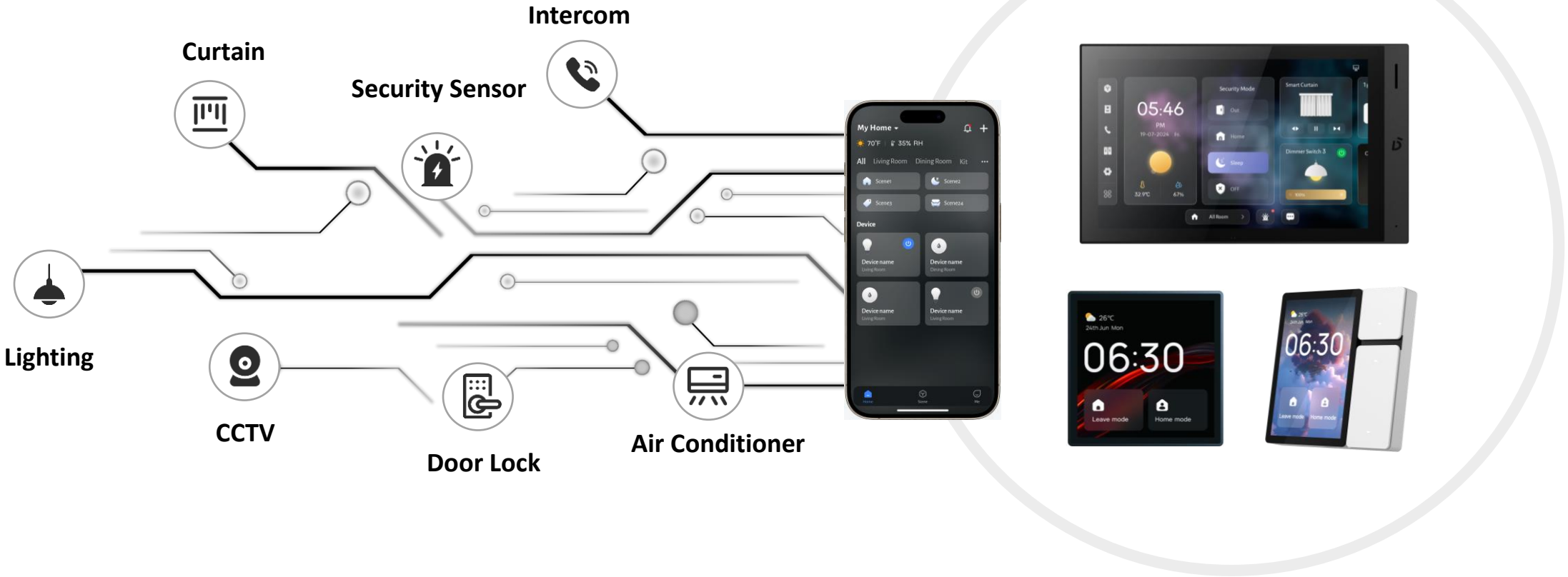
Smart Home Ecoproducts



Smart Intercom

ALL IN ONE CONTROL

Everything can be easily controlled on one app and smart panel.



SMART VOICE CONTROL

Works with **Alexa & Siri** voice service of control smart devices, trigger scenes etc.
Enjoy the convenience of voice control with audio and visual responses.

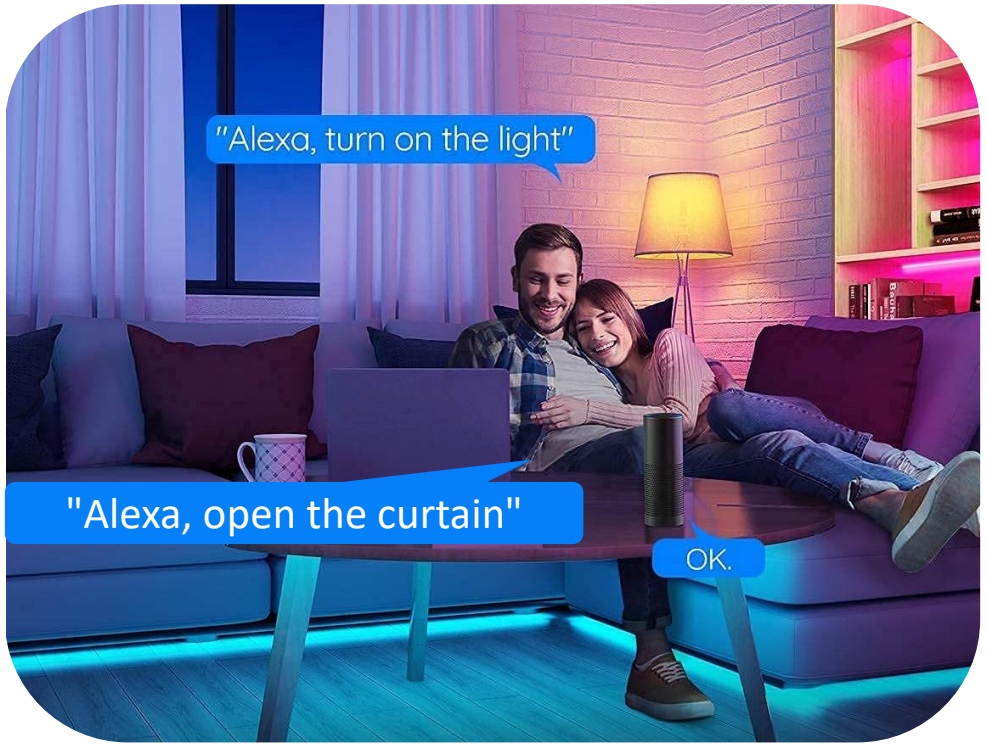
Hey, Siri...

I'm home now

Light up the living room,

Set the room temperature to 23°C.

WORKS WITH alexa

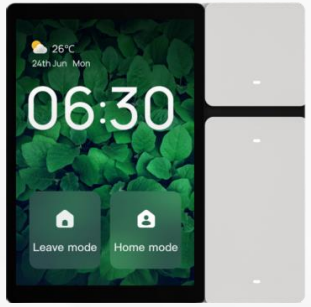


02

SMART PANEL

www.dnake-global.com

PRODUCT OVERVIEW



3.5”

4”

COMING SOON

8”

10”

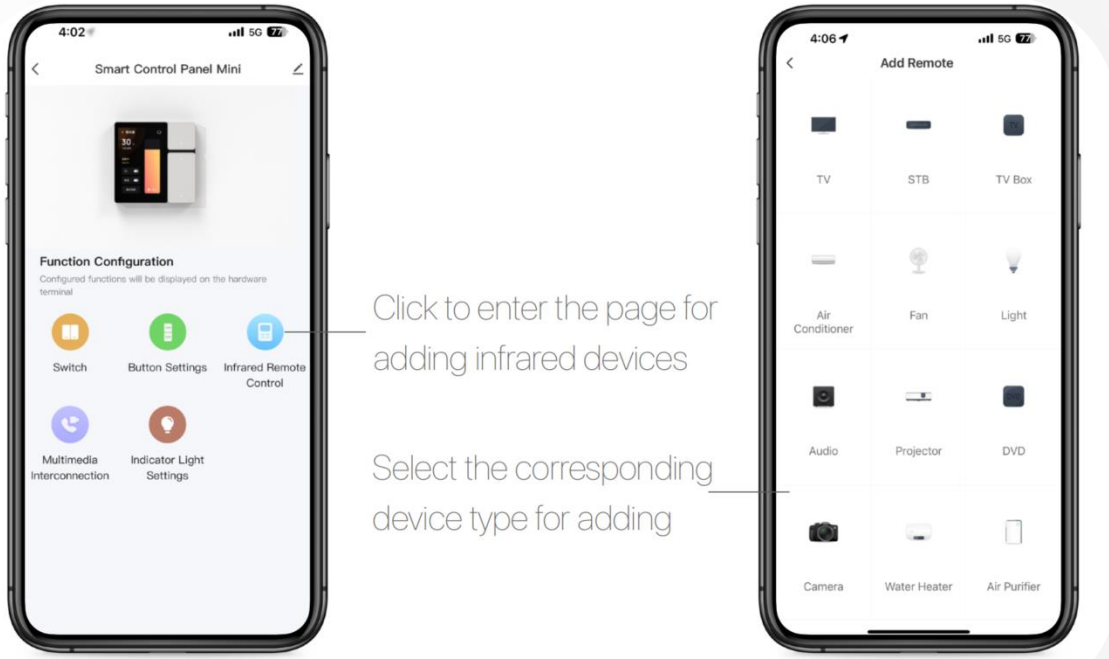
3.5’’ Linux Smart Control Panel

IR built-in

Bluetooth

- 3.5-inch 480*320 IPS Touch Screen
- 3 Physical Buttons for 3 Relays Control
- Built-in BLE Mesh Gateway Support 128 Sub-devices
- Built-in IR, Support 12 Categories of IR Device Control

ADD INFRARED DEVICE ON DNAKE SMART LIFE APP



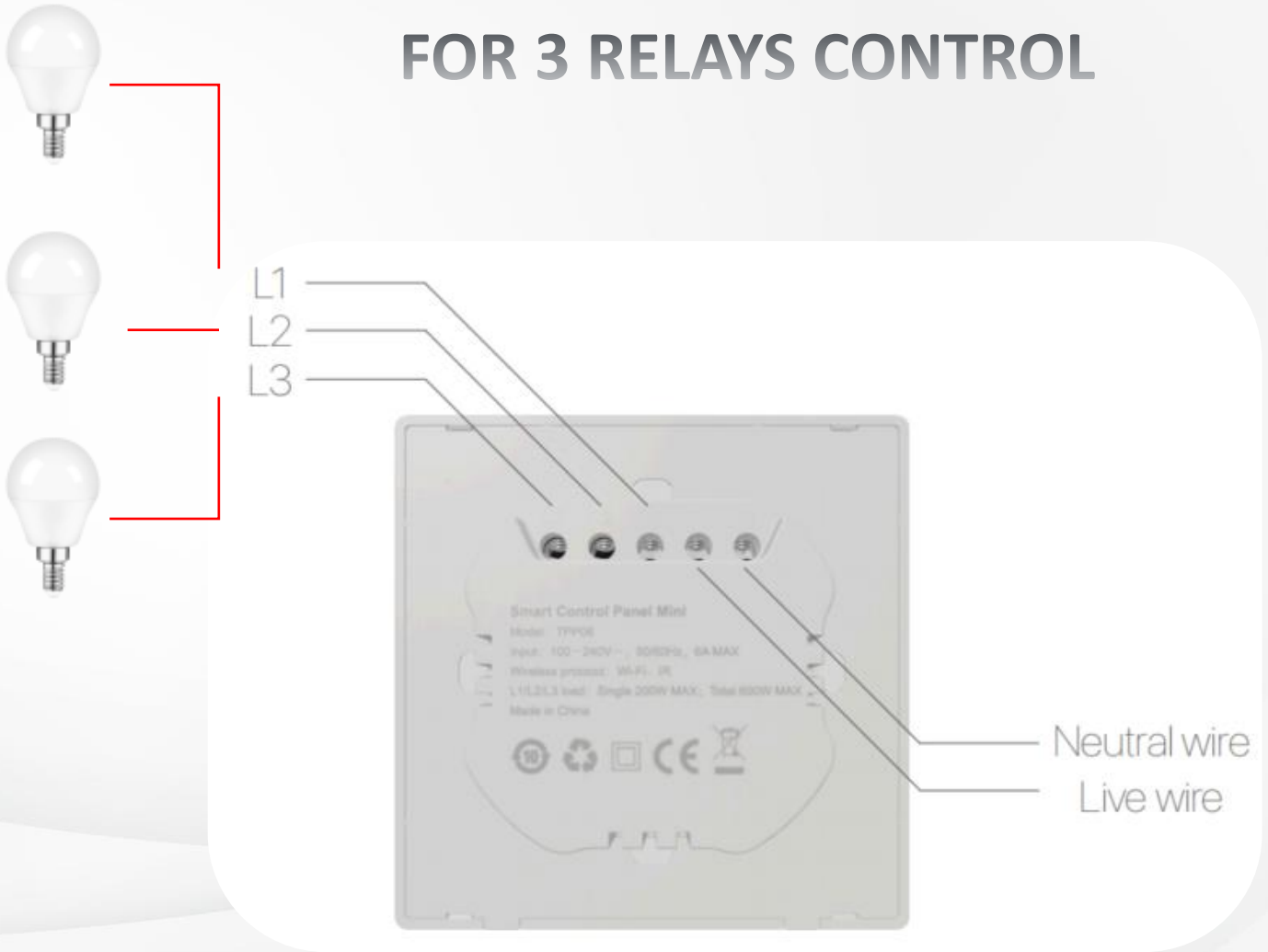
3 PHYSICAL BUTTONS FOR 3 RELAYS CONTROL

Unique button design

Asymmetrical aesthetics

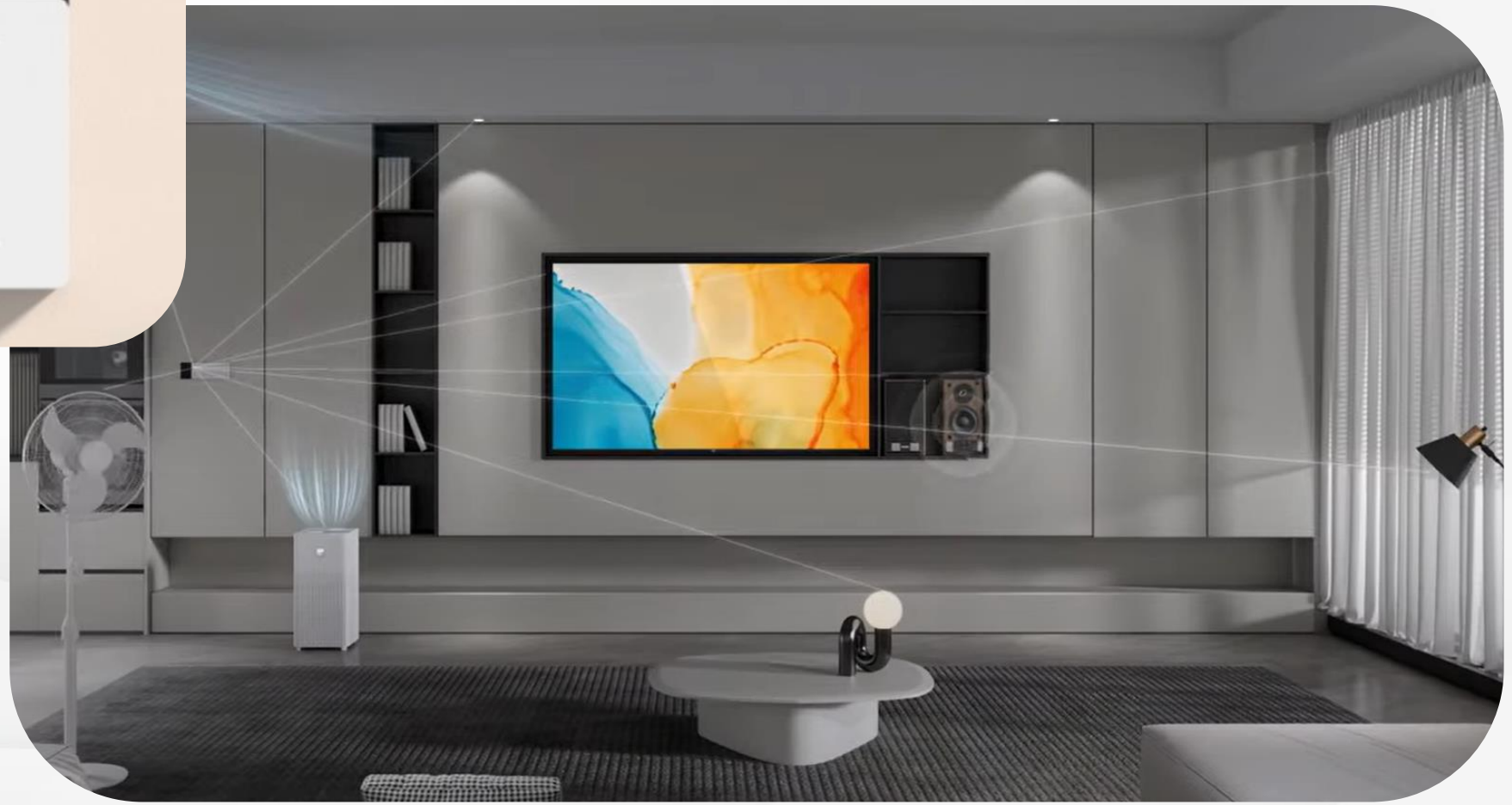
User-defined button

Device, Scenes, Video



BUILT-IN BLE MESH GATEWAY

Support Stable Operation of 128 SigMesh Sub-devices



SECURITY ALARM

If a danger is detected, the alarm will be given immediately.

SOS Alram

Smoke Alarm

Gas Alarm

Water Leakage Alarm

4’’ Linux Smart Control Panel

alexa built-in | Zigbee | Bluetooth

4-inch Anti-fingerprint Touch Screen

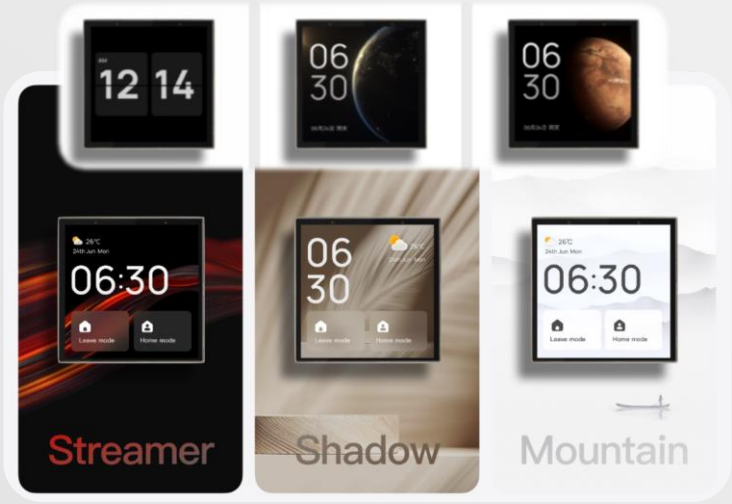
Zigbee Gateway Built-in,
Support 100+ Sub-Devices

BLE Mesh Gateway Built-in,
Support 25 Sub-devices

All in One IOT Control

Multi Ways of Device Control

Alexa Built-in Voice Service



Multiple sets of themes and Screensavers

All in one One is all

Gateway

Smart Doorbell

Light Control

Air conditioner Panel

Switch Panel

Curtain switch

Home Page

Home page customized for family scenes supports multiple wallpaper modes, the information is clear, and the operation can be achieved in one step.

Exquisite theme

Support multiple sets of different beautiful themes, users can choose freely

Date and time

Clear at a glance, real-time display of time, date and other information

Shortcut

Support to fix common devices and common scenes to home page, which is convenient to control

Weather information

Automatically display weather conditions outside

Smart switching

Minimalist interaction, swipe left for device control, swipe right for one-click scenarios, and swipe up for common operations

Zigbee Gateway

- Built-in Zigbee gateway, support 100+ sub-devices to access the network, remote OTA upgrade
- Support cross-protocol and cross-gateway local linkage

Alexa Voice Service

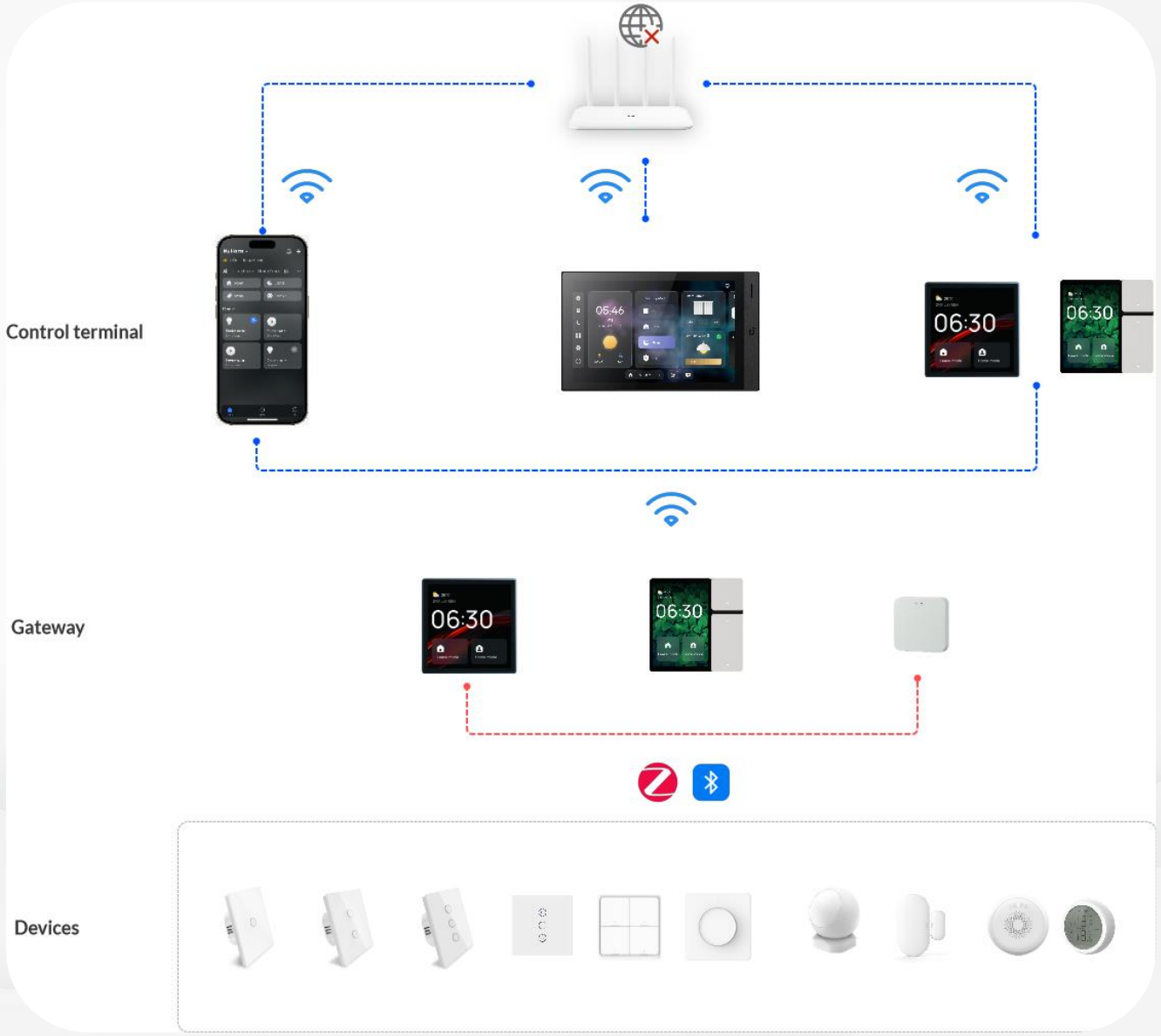
Alexa Built-in

Put Amazon Alexa in your walls and enjoy the convenience of built-in clutter-free voice control with audio and visual responses from a touchscreen panel on your wall.

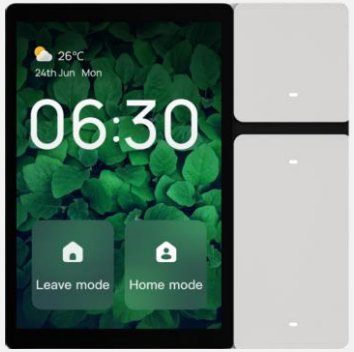
Thanks to Alexa built-in, Smart Control Panel can realize voice control of IoT devices, trigger scenes, set alarm clocks, weather forecasts, traffic broadcasts, etc.

alexa | built-in

LOCAL CONTROL



PRODUCT COMPARISON

Items	4’’ Linux Smart Control Panel	3.5’’ Linux Smart Control Panel
Appearance		
Screen	4’’	3.5’’
Gateway	Zigbee, BLE Mesh	BLE Mesh
Relay	/	3
IR Device Control	/	Support
Voice Control	Built-in Alexa	Works with Alexa
Sales Region	EU, ME, APAC	

H618 10.1” Android Smart Control Panel

- Aluminum Front Panel
- IPS Capacitive Touchscreen with 1280 x 800 Resolution
- Optional 2MP Camera
- Optional Wi-Fi
- Video Intercom & CCTV Integration
- Easy Integration with ZigBee Gateway
- Configurable Homepage Menu and Scenes
- Max 9 Panels Extension in One Home

H616 8” Android Smart Control Panel

- Aluminum Front Panel
- IPS Capacitive Touchscreen with 1280 x 800 Resolution
- TF Card Supported
- Optional Wi-Fi
- Video Intercom & CCTV Integration
- Easy Integration with ZigBee Gateway
- Configurable Homepage Menu and Scenes
- Max 9 Panels Extension in One Home

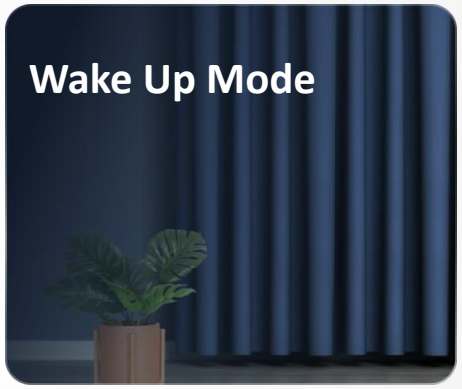
CARD DESIGN SHORTCUT FUNCTION

Customize Your Favorite Desktop

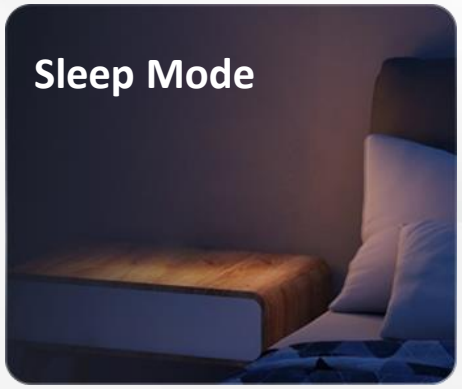
SET UP SCENE CONTROL

Make A Smarter, Easier Life

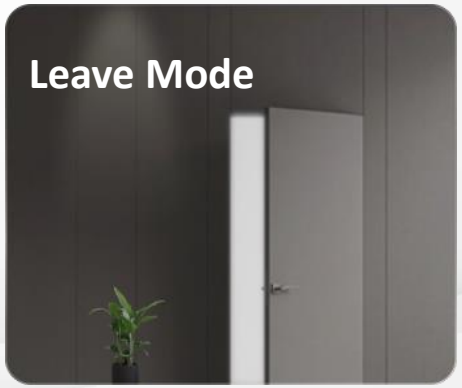
eg, When the sensor detects human motion, it will automatically switch the light.



eg, At wake up time, the curtain will automatically open and the clock will go off.



eg, When user wants to get sleep, just tap one button on mobile app to turn everything off.



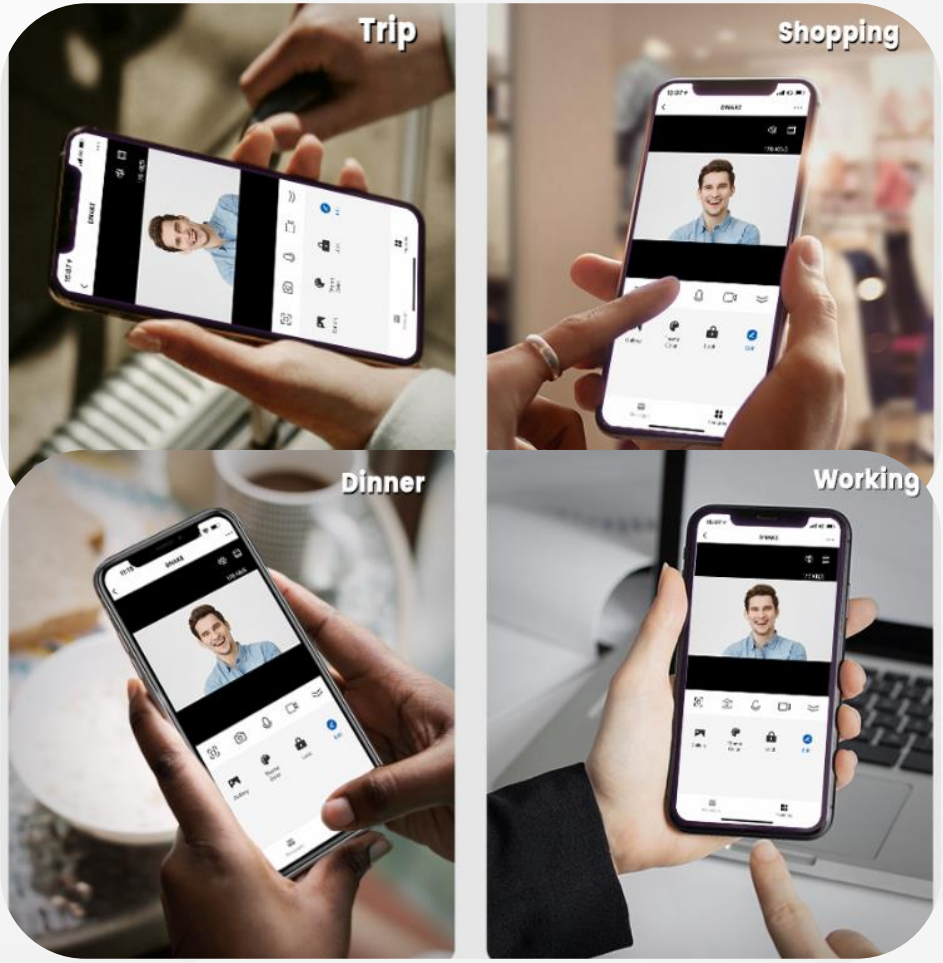
eg, When user leaves home and door status changed, all electrical will automatically shut down.

24/7 SAFEGUARD YOUR HOME

Community master station will immediately receive alarms once any potential dangers detected from your house.

INTERCOM & DOOR CONTROL

Provides high-definition audio and video communication with door station and room-to-room communication via SIP 2.0 protocol.



03

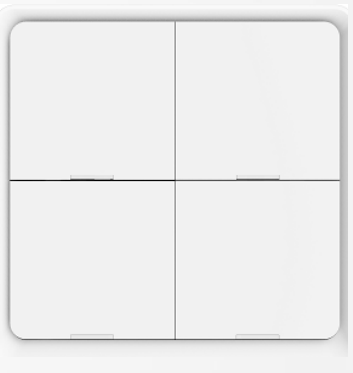
SMART SWITCH

www.dnake-global.com

PRODUCT OVERVIEW

Light Switch

Curtain Switch

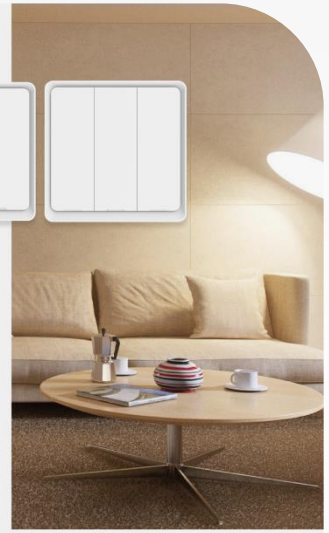


Scene Switch

Dimmer Switch

APPLICATION SCENARIOS

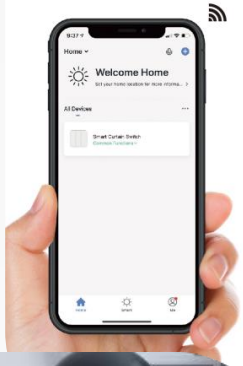
Smart Light Switch



Light up your smart life anytime,anywhere

Romote control

By using the APP you can turn on the curtains even when you are not home.



Smart Light Switch (EU)

APP Remote Control

Hands-free Voice Control

Group Control

Automatically Turn on /off the Lights on Time

Support Multi-Panel to Control 1 Light

3 kinds of Restart State

- Operating Voltage: AC100V-240V/50Hz~60Hz
- Wireless Protocol: Zigbee 3.0
- Control Channel: 1/2/3 CH
- Material: Fireproof PC
- Dimension: 86*86*37.5mm
- Work with Alexa

Smart Dimmer Switch (EU)

APP Remote Control

Hands-free Voice Control

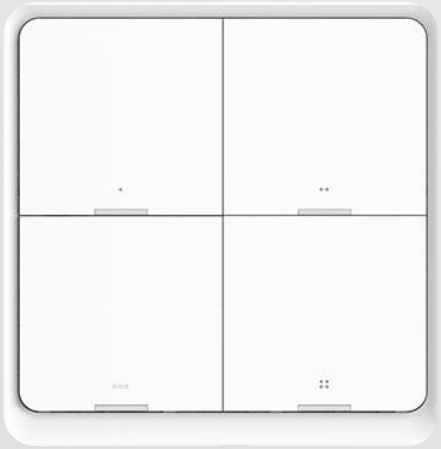
Group control

Stepless Rotate Control

Mechnical On/Off Switch

- Operating Voltage: AC100V-240V/50Hz~60Hz
- Wireless Protocol: Zigbee3.0
- Control Channel: 1 CH
- Dimension: 86*86*53.5mm
- Working Temperature: -10℃~45℃
- Working Humidity: ＜90%RH
- Work with Alexa

Smart Scene Switch



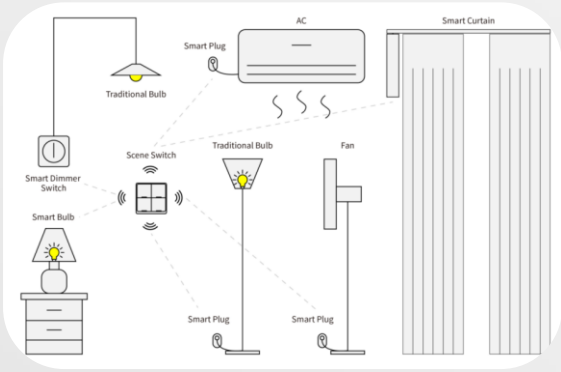
Switch with Double-Sided Tape,
Easy to Fix It on Anywhere

3 Select Conditions for Each Button to Excute Various Scene on One Button

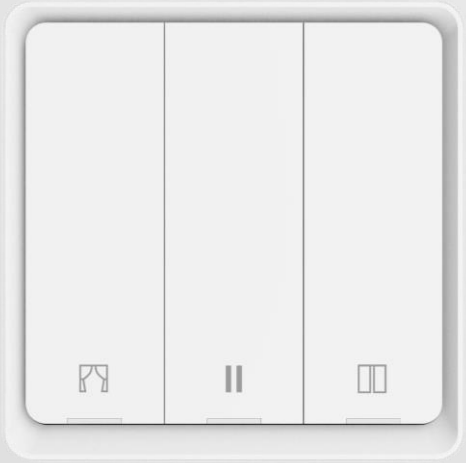
Mechanical Button

Control Lights, Electronics and Small Appliances from Anywhere

- Input Power: CR2430 Button cell
- Wireless Protocol: Zigbee3.0
- Dimension: 86*86mm
- Working Temperature: -10℃~45℃
- Working Humidity: < 90%RH
- Work with Alexa



Smart Curtain Switch (EU)



APP Remote Control

Hands-free Voice Control

Group & Scene Control

Open and Close Curtains at a Preset Time

- Operating Voltage: AC100V-240V/50Hz~60Hz.
- Wireless Protocol: Zigbee3.0
- Control Channel: 1 CH
- Dimension: 86*86*37.5mm
- Working Temperature: -10°C~50°C
- Working Humidity: < 90%
- Work with Alexa

04

SECURITY SENSOR

www.dnake-global.com

PRODUCT OVERVIEW

Water Leak Sensor

Gas Sensor

Smoke Sensor

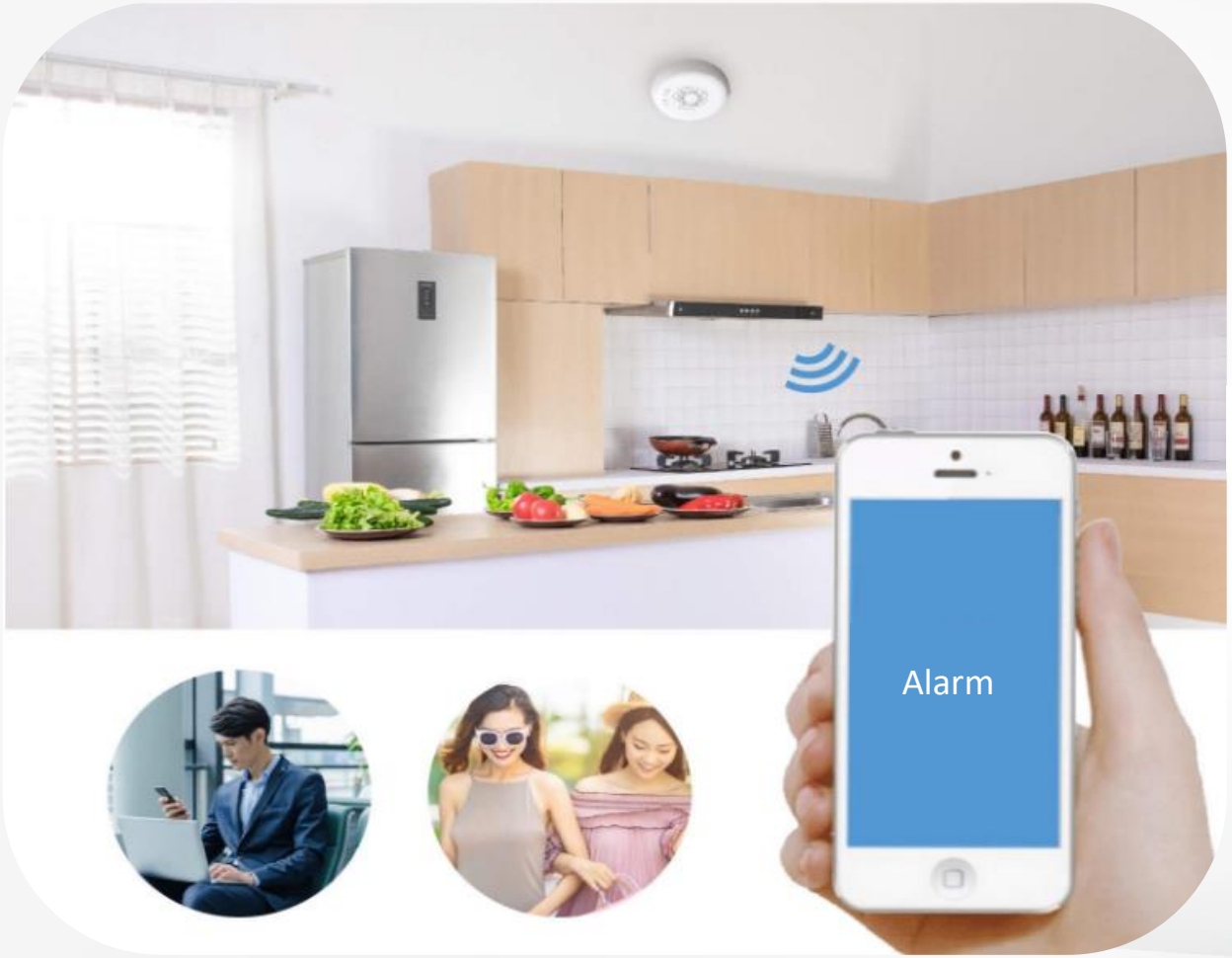
Smart Button

Temperature and Humidity Sensor

Motion Sensor

Door/Window Sensor

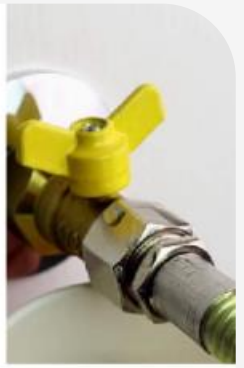
Gas Sensor



Aging and rupture of gas pipelines

Forgot to close the gas switch

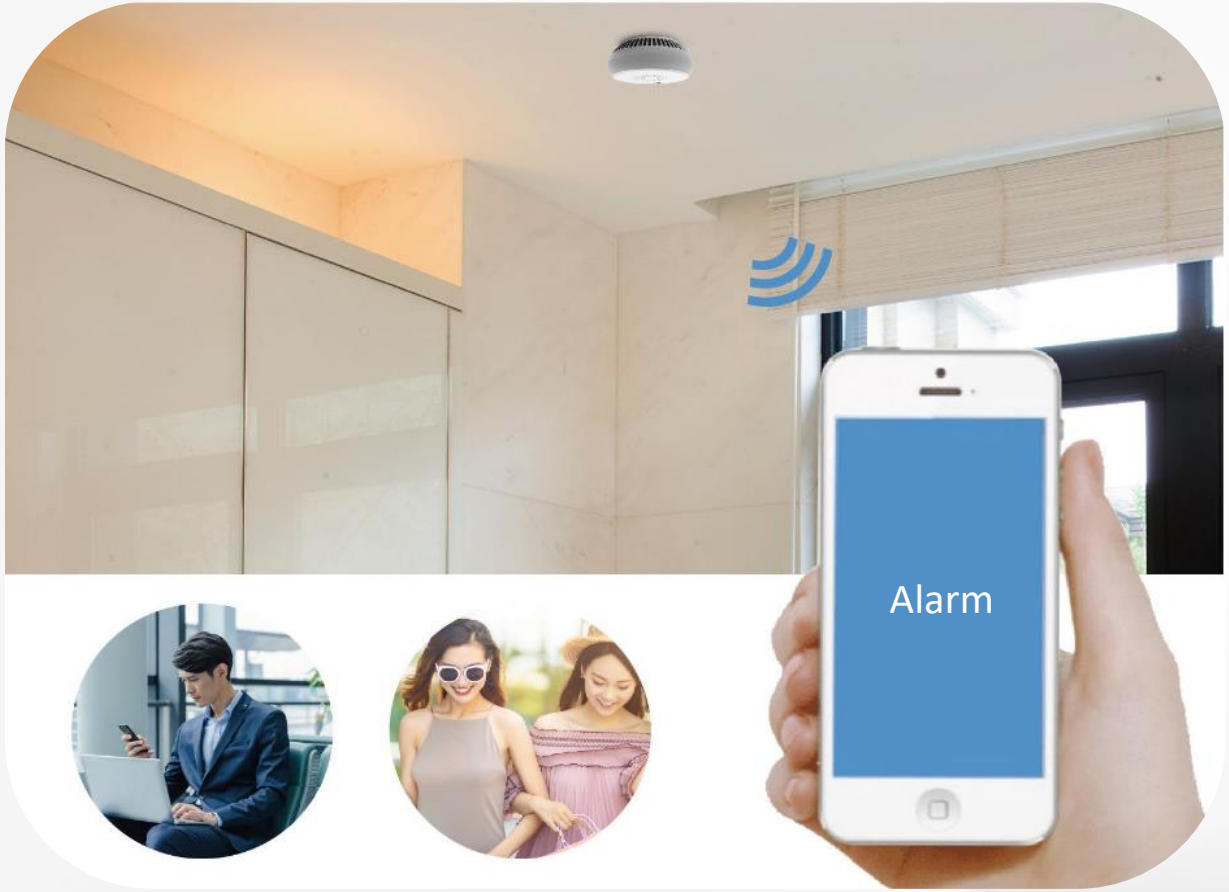
Gas leakage from water heater

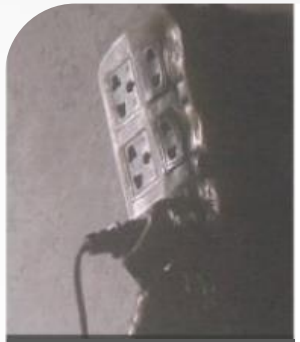


Forgot to close the gas valve

Wireless Technology	ZigBee
Transmission Frequency	2.4 GHz
Working Voltage	AC220V
Standby Current	⩽200 mA
Operating Environment	0°C to +55°C ⩽95% RH
Detected Gas	Methane (Natural gas)
Alarm LEL	8% LEL Methane (Natural gas)
Concentration Error	±3% LEL
Alarm Method	Audible and visual alarm, and wireless connection alarm
Alarm Sound Pressure	⩾70 dB (1 m in front of the gas detector)
Installation Method	Wall-mounting or ceiling-mounting
Dimensions	ϕ85 mm x 30 mm

Smoke Sensor





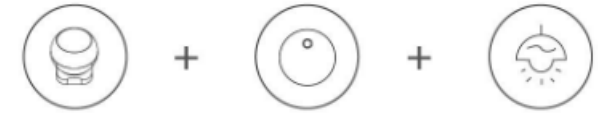
Electrical aging causing fires

Forgot to close the gas switch

Unaware fire when leaving home

Wireless Technology	ZigBee
Transmission Frequency	2.4 GHz
Working Voltage	DC 3 V （CR123A battery）
Undervoltage Alarm	Supported
Working Temperature	–10°C to +55°C
Detector Type	Independent smoke detector
Alarm Sound Pressure	⩾ 80 dB (3 m in front of the smoke detector)
Installation Position	Ceiling
Battery Lifespan	More than three years (20 times/day)
Dimensions	Φ90 mm x 37 mm

Motion Sensor



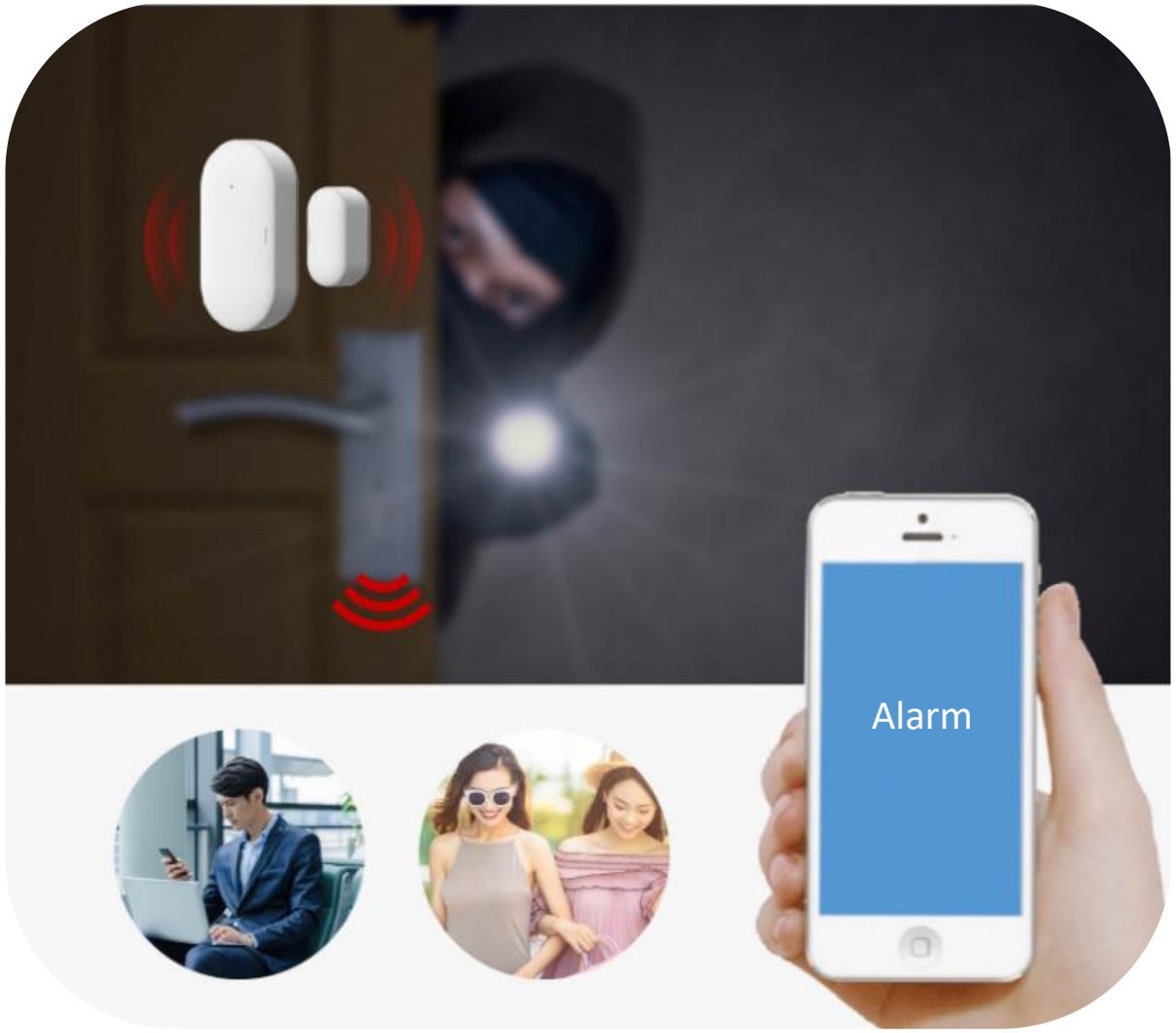
Motion Sensor + Gateway + Lighting

Motion Sensor + Gateway + APP

Wireless Technology	ZigBee
Working Voltage	DC 3 V (CR123A battery)
Transmission Frequency	2.4 GHz
Working Temperature	–10°C to +55°C
Undervoltage Alarm	Supported
Detection Radius	8 m
Detection Angle	90°
Installation Height	2.2 m
Dimensions	48.4 mm x 53.4 mm

Temperature and Humidity Sensor

Wireless Technology	ZigBee
Working Voltage	DC 3 V (Two AAA batteries)
Transmission Frequency	2.4 GHz
Working Temperature	–10°C to +55°C 0% to 99.9% RH
Undervoltage Alarm	Supported
Dimensions	ϕ61.2 mm x 23 mm



Door and Window Sensor

Sensor + Smart Hub + Smart socket

Sensor + Smart Hub + Acousto-optic alarm

Wireless Technology	ZigBee
Working Voltage	DC 3 V (CR2032 battery)
Working Temperature	-10°C to +55°C
Low battery indication	Yes
Alarm Triggering Distance	23±5 mm
Battery Life	More than one year (20 times per day)
Dimensions	Main body: 52.6 mm x 26.5 mm x 13.8 mm Magnet: 25.5 mm x 12.5 mm x 13 mm

Water Leak Sensor

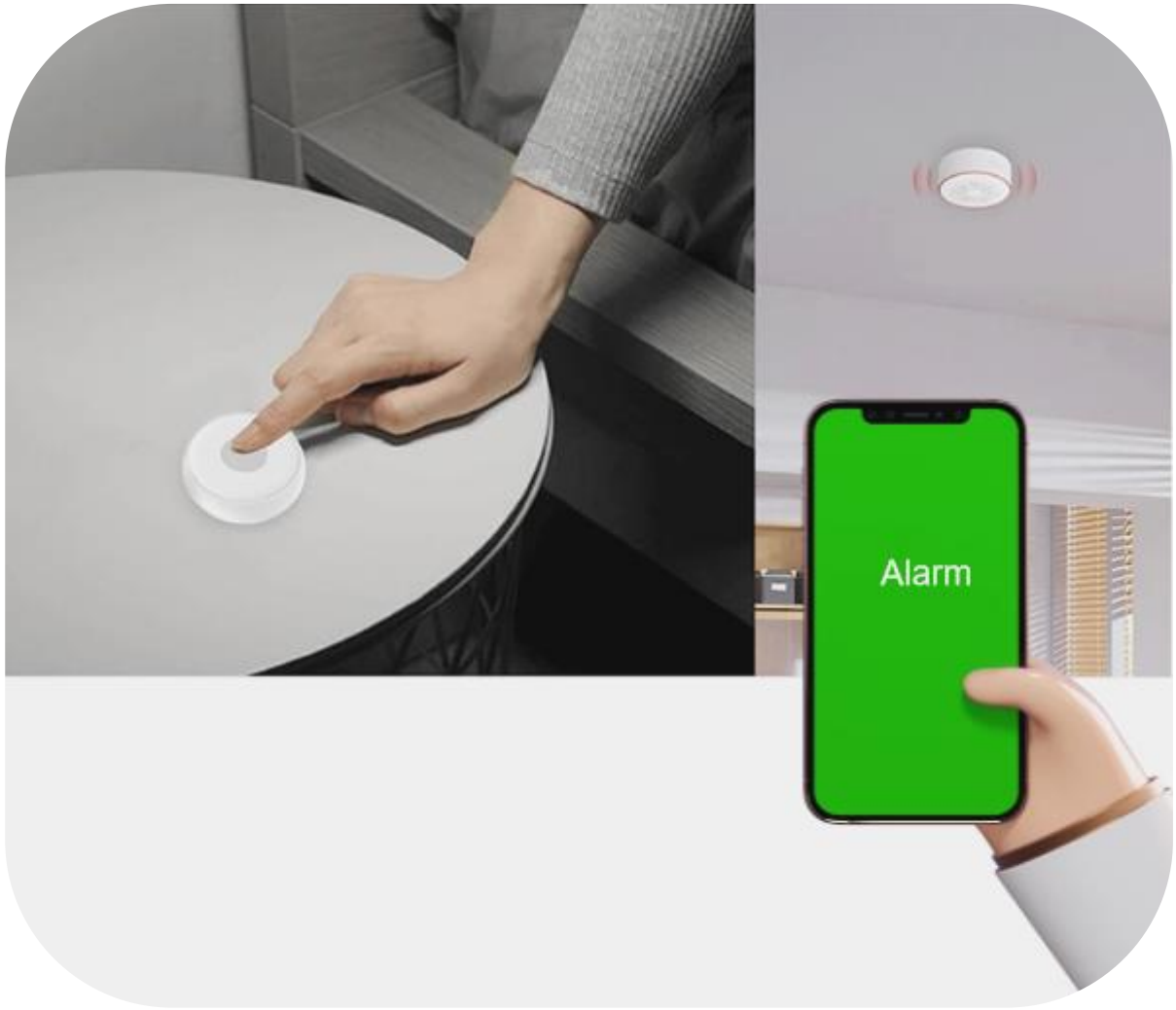
Water Leak Sensor + Smart Hub + APP

Forgot to turn off the faucet

Aging and rupture of water pipes

Unaware water leakage when leaving home

Wireless technology	Zigbee
Working Voltage	DC 3V(CR2032 battery)
Transmission Frequency	2.4GHz
Working Temperature	0℃ to +55℃
Low battery indication	Yes
Battery Life	More than one year (20 times per day)
Detection Method	Water sensor probe
Water proof level	IP66
Dimensions	Φ50 mm x 18 mm



Smart Button

Smart Button + Smart Hub + APP

Wireless Technology	ZigBee
Working Voltage	DC 3 V (CR2032 battery)
Transmission Frequency	2.4 GHz
Working Temperature	–10°C to +55°C
Undervoltage Alarm	Supported
Battery Lifespan	More than one year (20 times per day)
Dimensions	Φ50 mm x 16 mm

Smart Hub

Features

- Compact and Lightweight Design
- Standard Zigbee 3.0 Protocol and Bluetooth Sigmesh Standard Protocol
- Support up to 32 Zigbee Sub-Devices
- Customized Scenes & Customized Smart Linkage

Specification

- Power: DC5V / 1A
- Working Temperature: -10℃ ~ 55℃
- Networking Method: Wi-Fi
- Zigbee Communication Distance: ≤100 m(open area)
- Dimension: 60x60x15mm

05

CURTAIN MOTOR

www.dnake-global.com

PRODUCT OVERVIEW

Zigbee Curtain Motor

Zigbee Roller Shade Motor

Wifi Roller Shade Motor

APPLICATION SCENARIO

Meeting Room

Computer Room

...

Restaurant

Living Room

...

Bedroom Room

Living Room

...

SYSTEM DIAGRAM

Cloud

WIFI SOLUTION

WIFI

Motor

Cloud

ZIGBEE SOLUTION

Gateway

Motor

CURTAIN MOTOR

- Use APP to control the open/close/stop of curtains
- Voice control by Alexa
- Timing schedule, open/close as schedule
- Remote control, good for kids and elderly person
- Manual operation to open/close the curtains

ROLLER SHADE MOTOR

- Use APP to control the open/close/stop of tubular
- Voice control by Alexa
- Timing schedule, open & close as schedule
- Remote control, good for kids and elderly person
- Manual operation to open/close the curtains

TECHNICAL PARAMETERS

Items	Curtain Motor	Roller Shade Motor	Roller Shade Motor
Appearance			
Rate Voltage	100-240V	230V	120V
Torque	1.2N.m	8 N.m	8 N.m
Running Time	12min	4min	4min
Connection	Zigbee	Zigbee	Wi-Fi
Pipe diameter	/	35mm	35mm
Certification	CE, RoHS	CE, RoHS	UL
Sales Region	Asia, Europe	Europe	North America

DNAKE

EASY & SMART INTERCOM SOLUTIONS