Web
www.nexhome.ai

Smart Home



M A K E H O M E S M A R T E R

1+3+ Full Range of Smart Home Products

1 | Smart Hub

Smart Hub

3 | Interaction Entry

EdgePad Smart Panel Smart Switch

N |Accessary Devices

Smart Sensor Smart Security



works with the **Google Assistant**

WORKS WITH amazon alexa

Home Assistant

Smart Hub

Smart Hub | Z100



Smart Hub | Z813

Smart Hub

Smart Hub | Z813-120-T

Smart hub with Zigbee gateway functionality





Data Specs

Electrical performance:

- Power input: DC 5V
- Communication interface:1 WAN port
- Communication protocol: Zigbee3.0
- Power consumption: ＜4W
- Working Temp.: -10℃~55℃
- Working Humidity: 10~90% non-condensing

Structure

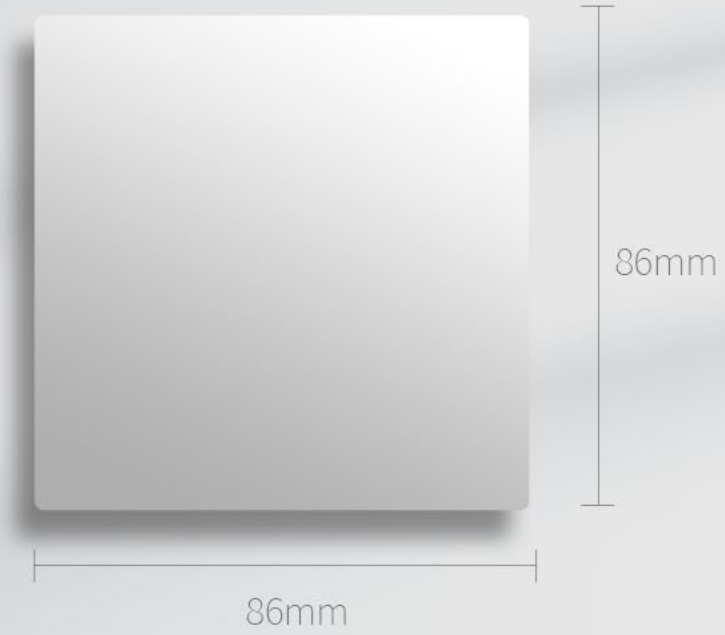
- Buttons: 1 RESET button
- Indicators: 1 power indicator light; 1 Zigbee indicator light; 1 communication indicator light
- Dimensions: 75×75×23mm
- Material:ABS+PC
- Color: White
- Installation method: Desktop

Smart Hub

Smart Hub | Z100-P

Smart hub with Zigbee gateway functionality





Data Specs

Electrical performance:

- Power input: POE 48V 0.08A
- Communication interface: 1 WAN port
- Communication protocol: Zigbee3.0
- Power consumption: < 4W
- Working Temp.: -10℃~55℃
- Working Humidity: 10~90% non-condensing

Structure:

- Buttons: 1 RESET button
- Indicators: 1 power indicator light; 1 Zigbee indicator light; 1 communication indicator light
- Dimensions: 86×86×38mm
- Material: ABS+PC
- Color: White
- Installation method: 86-type flush-mount installation

Smart Panel



15.6-inch
EdgePad



1.28-inch
EdgePad



2.4-inch
EdgePad



4-inch
EdgePad



12.3-inch
EdgePad



7.8-inch
EdgePad



12.6-inch
EdgePad



11.6-inch
EdgePad



21-inch
EdgePad


16:29
EdgePad MAX 21-inch Smart Panel
Hyper IoT Smart Butler

Smart Panel



EdgePad | EP-KJ-U1



- 21.5-inch Hyper IoT Screen
- Integrated KNX and Zigbee Central Control Functions
- Integrates diverse smart ecosystems including smart homes, building intercoms, and home entertainment.

Voice Touch App

Data Specs

Electrical performance:

- Power supply: DC12V 3A
- CPU：4-core A55
- FLASH:4G
- RAM：32G
- Wired communication protocol：KNX/EIB、TCP/IP、RS485
- Wireless communication protocol：
  Zigbee3.0、BlueTooth 4.20、WIFI 2.4GHz/5GHz
- Display size：21.5-inch
- Resolution：1920×1080

Structure:

- Dimensions：705.46×295.08×48.29mm
- Material: metal + PC plastic + tempered glass
- Ports: 1 KNX, 3 RS485, 2 LAN, 1 Type-C, 1 Mini HDMI
- Installation: Flush-mount, pre-buried 172 bottom box

- Operating system: Android 11.0
- Proximity sensing: one-meter trigger
- Temp. acquisition: precision ±1℃
- Off/online voice: Can be switched
- Visual intercom: support
- Power consumption：＜30W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

reddot winner 2023



EdgePad 12.6-inch Smart Panel

Your Smart Home Control Center



Smart Panel



EdgePad | EP-KJ-L1



- 12.6-inch Smart Panel
- Integrated KNX and Zigbee Central Control Functions
- Integrates smart ecosystems including smart homes and building intercoms

Voice Touch App

Data Specs

Electrical performance:

- Bus Power: DC 21-30V
- Auxiliary Power: DC 24V
- Load power supply: AC 100-240V 50/60Hz
- CPU: 4-core A55
- FLASH:2G
- RAM: 16G
- Wired communication protocol: KNX/EIB、TCP/IP、RS485
- Wireless communication protocol: Zigbee3.0、BlueTooth 4.20、WiFi 2.4GHz/5GHz
- Display size: 12.6-inch
- Resolution: 1920×515

Structure:

- Dimensions: 11.2mm×103mm×324mm
- Ports: 1 KNX, 1 RS485, 1 Type C , 1 POE, 1 LAN port
- Material: metal + tempered glass
- Installation: Flush-mount, pre-buried 172 bottom box

- Operating system: Android 11.0
- Proximity sensing: one-meter trigger
- Temp. acquisition: precision ±1℃
- Off/online voice: Can be switched
- Visual intercom: support
- Load: 3-way 16A
- Power consumption: ＜8W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

reddot winner 2021

EdgePad S 15.6-inch Smart Panel

Boundless Screen Immerse in the Visual Feast



Smart Panel

EdgePad | EP-KJ-O1



- 15.6-inch Hyper IoT Screen
- Integrated KNX and Zigbee Central Control Functions
- Integrates diverse smart ecosystems including smart homes, building intercoms, and home entertainment.

Voice Touch App



Data Specs

Electrical performance:

- Bus Power: DC 21-30V
- Auxiliary Power: DC 24V
- Load power supply: AC 100-240V 50/60Hz
- CPU: 4-core A55
- FLASH:2G
- RAM: 16G
- Wired communication protocol: KNX/EIB、TCP/IP、RS485
- Wireless communication protocol: Zigbee3.0、BlueTooth 4.20、WiFi 2.4GHz/5GHz
- Display size: 15.6-inch
- Resolution: 1920×1080

Structure:

- Dimensions: 360mm×215mm×14mm
- Ports: 1 KNX, 1 RS485, 1 Type C , 1 POE, 1 LAN
- Material: metal + tempered glass
- Installation: Flush-mount, pre-buried 172 bottom box

- Operating system: Android 11.0
- Proximity sensing: one-meter trigger
- Temp. acquisition: precision ±1℃
- Off/online voice: Can be switched
- Visual intercom: support
- Load: 3-way 16A
- Power consumption: ＜8W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

EdgePad 12.3-inch Smart Panel

Integration of technology and innovation





Smart Panel



EdgePad | EP-ZS-L2



- 12.3-inch Smart Panel
- Integrates smart ecosystems including smart homes and building intercoms

Voice Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- CPU：4-core A35
- FLASH:2G
- RAM：8G
- Wired communication protocol：TCP/IP、RS485
- Wireless communication protocol：
  Zigbee3.0、BlueTooth 4.20、WiFi 2.4GHz/5GHz

Structure:

- Dimensions：315×135.5×12mm
- Ports: 1RS485, 1 Type C,1 sPOE, 1 LAN
- Material：PC plastic + tempered glass
- Installation: Flush-mount, pre-buried 172 bottom box

- Operating system: Android 11.0
- Off/online voice: Can be switched
- Visual intercom: support
- Power consumption：＜10W
- Display size：12.3-inch
- Resolution：1920×720
- Load: 2-way 16A
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%



EdgePad 4-inch Smart Panel

Full Scene Home Interaction Center

Smart Panel

EdgePad | EP-ZS-D1



- 4-inch Smart Panel
- Integrated lighting, HVAC, curtains, and other smart devices and scene contro

Voice Touch App



Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol：Zigbee3.0
- Display size：3.95-inch
- Resolution：480×480
- Load: 4-way 16A
- Load power: 1000W/way (resistive load),
  300W/way (inductive or capacitive load)
- Power consumption： ＜5W

Structure:

- Dimensions：86×86×10.5mm
- Material：PC plastic + tempered glass
- Installation: Flush-mount, pre-buried 86 bottom box
- Proximity sensing: one-meter trigger
- Voice: Offline voice support
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Nebula Series Smart Switch

Makes Home Well-organized and Smart



Smart Switch



Nebula Smart Switch | XY86-ZS-T1



- Smart panel with large buttons
- Laser engraved can be customized
- Integrated smart devices and scene control

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 1-way 16A
- Load power: 1000W/way (resistive load), 300W/way (inductive or capacitive load)
- Power consumption: ＜2W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 86×86×36mm
- Mechanical buttons: 1
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Switch



Nebula Smart Switch | XY86-ZS-T2



- Smart panel with large buttons
- Laser engraved can be customized
- Integrated smart devices and scene control

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 2-way 16A
- Load power: 1000W/way (resistive load), 300W/way (inductive or capacitive load)
- Power consumption: ＜2W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 86×86×36mm
- Mechanical buttons: 2
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Switch



Nebula Smart Switch | XY86-ZS-T3



- Smart panel with large buttons
- Laser engraved can be customized
- Integrated smart devices and scene control

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 3-way 16A
- Load power: 1000W/way (resistive load), 300W/way (inductive or capacitive load)
- Power consumption: ＜2W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 86×86×36mm
- Mechanical buttons: 3
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Switch



Nebula Smart Switch | XY86-ZS-T4



- Smart panel with large buttons
- Laser engraved can be customized
- Integrated smart devices and scene control

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 4-way 16A
- Load power: 1000W/way (resistive load), 300W/way (inductive or capacitive load)
- Power consumption: ＜2W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 86×86×36mm
- Mechanical buttons: 4
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Switch



Nebula Smart Switch | XY86-ZS-T4Q2



- Smart panel with large buttons
- Laser engraved can be customized
- Integrated smart devices and scene control

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol：Zigbee3.0
- Load：4-way 16A
- Load power: 1000W/way (resistive load), 300W/way (inductive or capacitive load)
- Power consumption：＜2W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Dimensions：86×86×36mm
- Mechanical buttons：6
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Switch



Nebula Thermostat Switch | XY86-ZS-WK



- Large Screen Thermostat Switch
- Integrating A/C, Floor Heating, and Fresh Air Functions
- Can Be Combined with Nebula Series Smart Switch

Touch App

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 4-way 10A , 3 controls for fresh air (supporting high, medium, and low three levels);1 control for floor heating on/off.
- Power consumption: < 3W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 86×86×36mm
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Smart Sensor



Smart Sensor



Air Quality Sensor | NZ-AQ-XA

- 24/7 Real-time Detection of Indoor Temp., Humidity, CO2, PM2.5, PM10, Formaldehyde, and other relevant air quality parameters.
- Smart linkage with Smart Panels, refreshing indoor air through the HVAC system.

Whole-house smart linkage

Real-time reporting of data

APP real-time viewing

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Power consumption: < 5W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: ϕ90X73mm
- Material: ABS+PC
- Installation: φ80 Cut-out Ceiling Installation

Performances:

- PM2.5/PM10 Monitoring range: 0-1000ug/m3
- CO2 Monitoring range: 0~10000ppm
- HCHO Monitoring range: 0~5ppm
- Temp. Monitoring range: -20℃~+70℃
- Humility Monitoring range: 0-90%RH

Smart Sensor



Human Presence Sensor | NZ-ES-YC

- Utilizes advanced LifeBeing Sensor technology for detecting living presence
- Accurate detection to achieve true presence sensing

Smart linkage | Breath detection | Small motion fuction | Embedding installation

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Power consumption: < 3W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: ϕ90X73mm
- Material: ABS+PC
- Installation: φ80 Cut-out Ceiling Installation

Performances:

- Illumination detection: support
- Sensing range: 360°, Ø2-6m

Smart Sensor



Panic Button | NZ-EB

When an elderly person or child at home experiences an emergency, pressing the panic button will promptly send an alert to your phone, seeking external assistance and preventing accidents.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 CR2032 battery
- Communication protocol：Zigbee3.0
- Battery life: 20 activations per day, standby for 2 years
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Dimensions：44.5X44.5X13mm
- Material：ABS+PC
- Installation：Desktop placement

Performances:

- Trigger method: Single click
- Supports low voltage alarm

Smart Sensor



Door/Wndow Sensor | NZ-D[illegible]

Wireless door sensor, capable of detecting door open and close states; low battery warning and reporting.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 CR1632 battery
- Communication protocol：Zigbee3.0
- Battery life: 20 activations per day, standby for 1 year
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Main unit dimensions：54X22.2X12.5mm
- Subs dimensions：33.3X10.2X12.5mm
- Material：ABS+PC
- Installation: Fixed with 3M adhesive on the door and frame, positioned on the same plane.

Performances:

- Supports shell opening tamper resistance
- Supports low voltage alarm

Smart Sensor



Gas Sensor | NZ-CG

Monitor the concentration of gases in the environment and emit alerts upon detecting abnormal conditions.

Data Specs

Electrical performance:

- Power supply:DC 12（Adapter power supply）
- Communication protocol：Zigbee3.0
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Dimensions：66X66X29mm
- Button：1，self-checking mute button
- Material：ABS+PC
- Installation: Ceiling, wall-mounted

Performances:

- Alarm concentration: 8% LEL
- Alarm concentration error: Less than 3% LEL
- Other features: Regular self-check, remote self-check
- Alarm sound pressure: 70dB @ 1 meter

Smart Sensor



Human Motion Detector | NZ-M6

Passive infrared (PIR) sensor technology, sensitive to changes in heat, intelligently detects human movement.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 CR2450 battery
- Communication protocol：Zigbee3.0
- Battery life: 30 activations per day, standby for 1 year
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Dimensions：ϕ40mm×48mm
- Button：1，For network entry and test mode
- Material：ABS+PC
- Installation: wall-mounted

Performances:

- Low voltage reminder: support
- Temp. compensation function: Support
- Detection distance: 10m, detection angle: 90°

Smart Sensor



Sound and Light Alarm | NZ-

The detector, when triggered, will immediately emit audible and visual alarms to deter intruders. Users can also set up away/home security modes via the mobile app.

Data Specs

Electrical performance:

- Power supply:DC 5V（Adapter power supply）
- Communication protocol：Zigbee3.0
- Working Temp.: -10℃ ~ 55℃
- Working Humidity：10%~90%

Structure:

- Dimensions：Ø78×41mm
- Material：ABS+PC
- Installation: wall-mounted，3M adhesive pasting，Screw fixation

Performances:

- Alarm decibel：105dB
- Sound and light alarm：Support

Smart Sensor



Flood Sensor | NZ-WL

Used to detect the water immersion status in the environment. When the water rises above the two poles of the sensor, the flashing light will sound an alarm, sending a wireless alarm signal to the hub and pushing news to the mobile app.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 CR2032 battery
- Communication protocol：Zigbee3.0
- Battery life: 30 activations per day, standby for 1 year

Structure:

- Dimensions：44.5X44.5X14.2mm
- Material：ABS+PC
- Installation：Placed in the detection area

Performances:

- Low voltage reminder: support
- Detecting water immersion and leakage
- Waterproof level：IP66

Smart Sensor



Temp&Humidity Detector | NZ-HT

Used to detect changes in Temp. and humidity, sending real-time environmental Temp. and humidity signals to the gateway and pushing notifications to the user's mobile app.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 CR2450 battery
- Communication protocol：Zigbee3.0
- Battery life: 30 activations per day,
  standby for 1 year

Structure:

- Dimensions：61.8X60X13.5mm
- Material：ABS+PC
- Installation：Place the bracket on the desktop or stick it to the wall with 3M adhesive

Performances:

- Temp. detection accuracy：±0.2℃,
  Humidity detection accuracy：±2%RH
- Detection range:
  Temp.：-9.9-55℃,
  humidity：0~99%
- Low voltage reminder: support
- Emoji display：support，Smiling and crying faces

Smart Sensor



Smoke Detector | NZ-SA

Using advanced optical sensing technology, it can quickly detect smoke during the early smoldering phase of a fire, promptly alerting users to take action, such as sounding an alarm, extinguishing the fire, or evacuating, thereby reducing or preventing losses.

Data Specs

Electrical performance:

- Power supply:DC 3V，1 123A battery
- Communication protocol：Zigbee3.0
- Battery life: standby for 5 years

Structure:

- Dimensions：70X70X29mm
- Button：1，self-checking mute button
- Material：ABS+PC
- Installation: Ceiling mounted

Performances:

- Detection range：50m²
- Alarm sound pressure: 85dB @ 3 meter
- Low voltage reminder: support
- Off wall anti demolition：support
- Other features: Regular self-check

Smart Sensor



Infrared repeater | Z45X-A

The ceiling-mounted infrared repeater has a built-in infrared code library and can control various infrared-controlled household appliances such as A/C, televisions, sound systems, and robotic vacuum.

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Standby power consumption≤0.5W
- Communication protocol：Zigbee3.0
- Working Temp.: -20℃ ~ 70℃
- Working Humidity：10%~90%

Structure:

- Dimensions：Φ90mm×75mm
- Button：1
- Material：ABS+PC
- Installation: Ceiling mounted

Performances:

- Infrared forwarding distance≤10m

Smart Sensor



Infrared Curtain Motion Detector | NZ-CT(86)

Uses a Fresnel lens to focus the infrared radiation emitted by the human body. It determines whether there is a movement to detect the presence of a person within the monitored area. It can be linked to opening or closing the curtains.

Data Specs

Electrical performance:

- Power supply:DC 3V，2 CR2450 battery
- Communication protocol：Zigbee3.0
- Battery life: 20 activations per day, standby for 2 years

Structure:

- Dimensions：86X86X40mm
- Material：ABS+PC
- Installation: wall-mounted/ceiling mounted

Performances:

- Detection distance:8m
- Detection angles：90°
- Low voltage reminder: support
- Temp. compensation function: Support

Smart Sensor



Gas Sensor | JT-LH-86 Pro

Promptly detects tiny combustible gas molecules in the air, accurately emits audible and visual alarm signals, and immediately pushes the alarm notification to the user's mobile app.

Data Specs

- Operating Voltage：DC12~24V；
- Quiescent current：≤70mA（DC12V）；
- Alarm current：＜100mA（DC12V）
- Working Temp.: -10℃~+55℃;
- Working Humidity：<95%RH,non-condensing；
- Alarm concentration：8%LEL,±3%LEL
- Alarm range：0~20%LEL;
- Stability：Long term working alarm concentration error ±5%LEL:
- Alarm sound pressure：≥70dB（1 meter ahead）；
- Alarm method: sound and light alarm, normally open or normally closed;
- Detecting gases：Methane (natural gas);
- Dimensions：Φ100X35™

Smart Sensor



Wall-mounted Indoor Infrared Detector | LH-901B

It focuses on infrared radiation using a Fresnel lens to detect motion and sense the human presence in a room, automatically controlling connected devices to turn on or off.

Data Specs

- Operating Voltage：DC9~24V；
- Quiescent current：<25mA；
- Working Temp.: -10°C∽+55°C；
- Working Humidity：<95%RH
- Installation: wall-mounted；
- Detection distance: 10m, detection angle: 90°；
- Installation height：2.2m；
- White light resistance level：≥6500LUX
- Alarm output：Normally open and normally closed optional
- Anti disassembly switch: normally closed with no voltage output, contact capacity S28VDC, 100mA
- Relay output: normally closed without voltage output, contact capacity 28VDC, 80mA
- Dimensions：45×35×99mm

Smart Sensor



Curtain infrared detector | LH-909D Pro

It focuses on infrared radiation using a Fresnel lens to detect motion and sense the human presence in a room, automatically controlling connected devices to turn on or off.

Data Specs

- Operating Voltage：DC9~18V
- Quiescent current：<20mA
- Working Temp.: - 10C∽+50C
- Working Temp.: <95%RH
- Installation: Ceiling, wall-mounted
- Alarm output：Normally open and normally closed optional
- Detection distance：8m（wall-mounted）/4m（Ceiling）；detection angle：15°
- Installation height：2.2m
- Anti disassembly switch: normally closed with no voltage output, contact capacity S28VDC, 100mA
- Relay output: normally closed without voltage output, contact capacity 28VDC, 80mA
- Dimensions: 35×28×79mm

Smart Sensor



Ceiling Mounted Indoor Infrared Detector | LH-905A Pro

It focuses on infrared radiation using a Fresnel lens to detect motion and sense the human presence in a room, automatically controlling connected devices to turn on or off.

Data Specs

- Operating Voltage：DC9-18V
- Alarm current：≤30mA@DC12V
- Detection angle：360°（Ceiling installation）
- Detection distance：8m（Installation height：2.5m）
  12m（Installation height：3.6m）
- Installation: Ceiling
- Alarm output：Normally open and normally closed optional
- Working Temp.: -10～50℃
- Working Humidity：≤95%　non-condensing
- White light resistance level：≥6500LUX
- Dimensions：114.8×33.5mm

Smart Sensor



Point smoke detector | LH-94(II)

The detector senses visible smoke from smoldering and flaming fires. It triggers an alarm when smoke levels surpass the preset limit.

Data Specs

- Operating Voltage：DC 10-24V
- Quiescent current：≤10mA
- Alarm current：≤40M
- Output contact quantity：3A/120VAC or 3A/24VDC
- Output form：Relay normally open or normally closed output
- Working Temp.: -10℃ ~ +55℃
- Monitoring and protection area：40m², Floor height less than 6 m
- Environmental humidity：＜95%（non-condensing ）
- Dimensions：Φ100mm×42mm

Smart Sensor



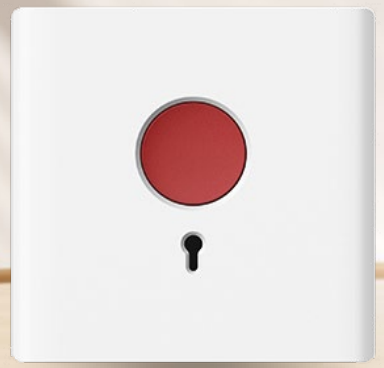
Flood sensor | LH-65

Used to detect the water immersion status in the environment. When the water rises above the two poles of the sensor, the flashing light will sound an alarm, sending a wireless alarm signal to the hub and pushing news to the mobile app.

Data Specs

- Operating Voltage：DC 12-24V
- Alarm current：≤300mA
- Quiescent current：≤30mA
- Working Temp.: -10℃～ +55℃
- Installation: wall-mounted
- Detection method：Water sensing probe
- Detection sensitivity：≤500KΩ
- Anti disassembly function：support
- Anti EMI and RFI interference：support
- Alarm output：Normally open and normally closed optional
- Anti disassembly output: normally closed
- Dimensions（mm)：85×26×32

Smart Sensor



Panic Button | H0-01B Pro

When an elderly person or child at home experiences an emergency, pressing the panic button will promptly send an alert to your phone, seeking external assistance and preventing accidents.

Data Specs

- Working Temp.: -10℃-+55℃
- Working Humidity：<95%RH
- Alarm output：Normally open and normally closed optional
- Usage environment：Indoor
- Installation: embedded installation
- Dimensions：86×86×28.5mm

Smart Sensor



Door sensor | HO-03F

The wired door sensor can identify the status of the door being opened or closed.

Data Specs

- Shell material: metal electroplating
- Operating Voltage（VDC):≤100
- Operating current（Ma)：≤500
- Contact mode: normally closed
- Action distance（mm):≥40
- Installation：screw installation
- Dimensions:50×18×10mm

A/C Gateway



A/C Gateway | RKT-

The indoor A/C gateway supports integration with globally renowned brand A/C systems, enabling smart control of the A/C system through the smart home system.

Data Specs

- Environmental Temp.：0～40℃
- Environmental humidity：20～85%（non-condensing）
- Dimensions：85X85X28mm
- Installation location: Internal machine

Protocol Converter



Protocol Converter | Z145-D2

Protocol conversion gateway,
RS485 to ZIGBEE protocol conversion

Data Specs

Electrical performance:

- Power supply:DC 12~24V
- Power consumption: ≤0.8W
- Communication protocol: Zigbee3.0
- RS-485 bus: 2 way
- Protocol conversion: RS-485 and Zigbee 3.0 protocol conversion
- Working Temp.: -10℃ ~ 50℃
- Working Humidity: 10%~90%

Structure:

- Status Indicator: 1
- Function button: 1 Set button
- Dimensions: 65 × 63 × 29 mm
- Installation Method: Concealed Mounting

Dimming Controller



Dimming controller | Z2214

Achieves 0-10V dimming functionality, offering advantages such as a wide dimming range, good stability, and flexible control.

Data Specs

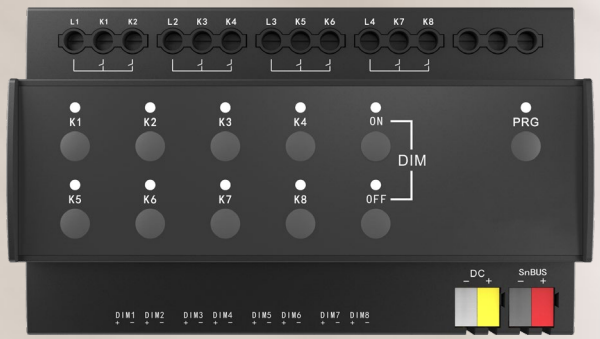
Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- 0-10V Dimming output: 4-channel
- Working Temp.: 0℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 145×35×25mm
- Mechanical button: 1, network access button
- Material: ABS+PC plastic
- Installation method: Hidden installation

Dimming Controller



Dimming controller | Z2188

Achieves 0-10V dimming functionality, offering advantages such as a wide dimming range, good stability, and flexible control.

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- 0-10V Dimming output: 8-channel, Each channel has manual control function
- Working Temp.: 0℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 144x91.4x63.8mm
- Mechanical button: 1, network access button, Manual control buttons for 8 output channels
- Material: ABS+PC plastic
- Installation method: guide rail installation

Switch module



Switch module | Z171 (Q)

Designed to create a smart home that is flexible for various types of households, it is embedded in the original switch box, instantly transforming the ordinary switch panel into a smart switch.

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 1 way 16A
- Load power: 1000W/way (Resistive load)、300W/way (Inductive or capacitive load)
- Power consumption: < 3.5W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 50x45x23mm
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Switch module



Switch module | Z172 (Q)

Designed to create a smart home that is flexible for various types of households, it is embedded in the original switch box, instantly transforming the ordinary switch panel into a smart switch.

Data Specs

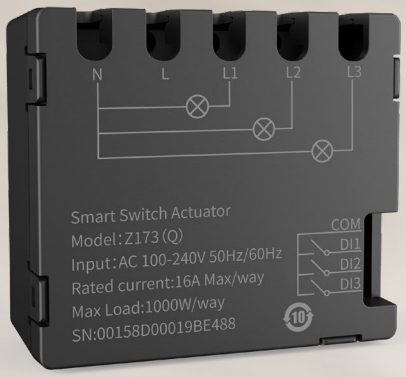
Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 2 way 16A
- Load power: 1000W/way (Resistive load)、300W/way (Inductive or capacitive load)
- Power consumption: < 3.5W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 50x45x23mm
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Switch module



Switch module | Z173 (Q)

Designed to create a smart home that is flexible for various types of households, it is embedded in the original switch box, instantly transforming the ordinary switch panel into a smart switch.

Data Specs

Electrical performance:

- Power supply:AC 100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Load: 3 way 16A
- Load power: 1000W/way (Resistive load)、300W/way (Inductive or capacitive load)
- Power consumption: < 3.5W
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 50x45x23mm
- Material: ABS+PC plastic
- Installation: Flush-mount, pre-buried 86 bottom box

Curtain Motor



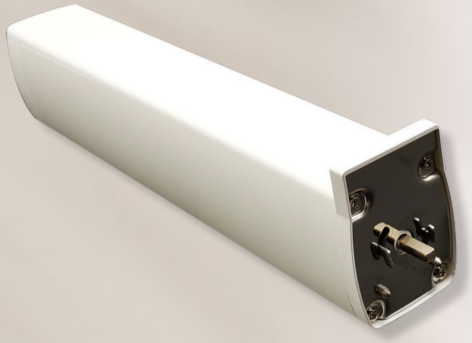
Curtain motor | MG-HZ-

The smart roller blind motor enables the smart opening and closing of curtains through various interaction methods. It can be linked with whole-house smart scenarios and other smart devices.

Data Specs

- Supply Voltage：100V-240V
- Rated power：15W
- Rated current：1.25A
- Rated torque：2N.m
- Operating speed：20Rpm
- Protection level：IP44

Curtain Motor



Curtain motor |

The smart opening and closing motor enables the smart opening and closing of curtains through various interaction methods. It can be linked with whole-house smart scenarios and other smart devices.

Data Specs

Electrical performance:

- Power supply:100-240V 50/60Hz
- Communication protocol: Zigbee3.0
- Rated power: 45W
- Rated torque: 2.0Nm
- Rated speed: 80RPM
- Protection level: IP20
- Hand pull function: support
- Opening and closing speed: 14cm/s
- Working Temp.: -10℃ ~ 55℃
- Working Humidity: 10%~90%

Structure:

- Dimensions: 320X68X50mm
- Material: Metal
- Installation method: buckle rail installation

Smart Door Lock



Smart door lock | Z980

Supports multiple unlocking methods such as fingerprint recognition, PIN, card, and remote unlocking via the mobile app. It can be integrated with smart home scenes and allows for remote password distribution.

Data Specs

- Lock body model: 5050 wooden door lock body
- Applicable door thickness：40-75mm
- Door opening selection: interchangeable between left and right opening
- Number of buttons (bits): 12
- Key type: touch sensitive
- Average static power consumption：≦50uA
- Average dynamic power consumption：≦180mA
- Number of administrators：9
- Number of fingerprints: 110 (optional 300)
- Fingerprint+password+card capacity: 300 sets

Smart SIP Doorphone DH-G710S

The standard for high-end smart buildings



Smart Doorphone



Doorphone | DH-G710S

As a high-performance, high-reliability, high-quality 7-inch smart SIP door phone. It offers a variety of access control modes and UI options for different scenes.



Data Specs

Physical & Power:

- Display: 7-inch IPS LCD, 800×1280
- RGB Camera: 2M Pixels
- White light/Infrared LED: automatic lighting
- Wiegand/RS485 : Support
- DC 12~15V/1A connector (if not using PoE)
- RAM/ROM: 1GB/8GB
- Ethernet ports: RJ45, 10M/100Mbps adaptive
- Relayout: 3
- I/O Inputs: 3
- Speaker: Dual, 4Ω/1.5w
- Bluetooth: Support
- IP Level: IP66
- IK Level: IK09
- Working Temp.: -30°C ~ +70°C
- Working Humidity: <95%RH
- Wall-mounted DIM:295×118×32.3mm
- Flush-mounted DIM: 295×118×11.8mm

Video:

- Sensor: 1/2.8", CMOS for RGB camera
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video resolution: up to 1920×1080p
- Viewing angle: 141°(D)/116°(H)/63°(V)
- Minimum illumination: 0.1LUX

Door Entry Feature:

- Unlock methods: Face, Card/keyfob, PIN and BLE
- Support live detection to prevent malicious attack such as HD photo and retaken screen
- Support visual human activity detection and real-time video streams analysis, achieve senseless access
- Up to 20,000 facial image data, 98%+ recognition accuracy

Scenarios:

- Entrance of high-rise buildings
- VIP or C-level room
- High-end house or community
- Self-service kiosk

Smart Doorphone

Doorphone | DH-G510S

As a high-performance, high-reliability, high-quality 5-inch smart SIP door phone. It offers a variety of access control modes and UI options for different scenes.





Data Specs

Physical & Power:

- Display：5 Inch IPS LCD
- RGB/IR Camera： 2M Pixels
- White light/Infrared LED:automatic lighting
- Wiegand/RS485 ： Support
- DC 12V/1A connector (if not using PoE)
- RAM/ROM：1GB/8GB
- Ethernet ports：RJ45, 10M/100Mbps adaptive，802.3af PoE
- Relayout:1
- Inputs：2
- Speaker:4Ω/2W
- Bluetooth: Support
- IP Level： IP65
- IK Level：IK06
- Working Temp.： -20°C ~ +55°C
- Working Humidity：<95%RH
- Dimension：184×89×22.2mm

Video:

- Sensor: 1/2.8", CMOS
- Pixels:CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video resolution: up to 1920×1080p
- Minimum illumination：0.1LUX

Door Entry Feature:

- Unlock methods: Face, Card/keyfob, PIN and BLE
- Support live detection to prevent malicious attack such as HD photo and retaken screen
- Support visual human activity detection and real-time video streams analysis, achieve senseless access
- Up to 20,000 facial image data, 98%+ recognition accuracy

Scenarios:

- Entrance of high-rise buildings
- VIP or C-level room
- High-end house or community
- Self-service kiosk

Smart Doorphone DH-E20S

The standard for high-end smart buildings



Smart Doorphone



Door Bell | DH-E20S

As a SIP-based with two-way intercom, access control, and video surveillance functions.With a small and thin body, it can be installed in most scenes,even with a narrow door frame.



Data Specs

Physical & Power:

- Camera: 2M Pixels
- White light LED: Auto
- Button: 1 call button
- RS485/Wiegand : Support
- Ethernet ports: 1×RJ45, 10/100Mbps self-adaptive
- Relay out: 1
- DI Inputs: 2
- Speaker: 4Ω / 2W
- IP Level : IP65
- Working Temp.: -30°C ~ +70°C
- Working Humidity: ≤95%RH
- Dimension: 145×70×25.5mm
- Installation: Wall-mounted

Video:

- Sensor: 1/4", CMOS
- Pixels: CIF, QCIF, VGA
- Viewing angle:110°(FOV)
- Video resolution: up to VGA
- Minimum illumination: 0.1LUX

Door Entry Feature:

- Unlock methods: IC card/keyfob and BLE
- Auto-night mode with LED fill-in light
- White balance: Auto

Scenarios:

- Door of office, floor and authorized areas
- Door of villa or apartment unit
- Entrance and spot in remote site
- Emergency tower

Smart Doorphone

Indoor Unit | DH-X67S

7-inch Linux indoor unit
HDR video intercom, Cloud management, Remote unlocking, 8 DIs for security sensors.24-hour all-round guarding home security





Data Specs

Physical & Power:

- Display: 7-inch TFT-LCD
- RAM / ROM: 128MB / 128MB
- Ethernet ports: 1×RJ45, 10/100Mbps adaptive
- Wi-Fi：IEEE802.11b/g/n，@2.4GHz
- RS485: Support
- Relayout: 1
- DC12V/1A connector(if not using PoE)
- Speaker: 8Ω/ 1W
- I/O: 8 (for alarms and sensors)
- Working Temp.: -10°C ~ +55°C
- Working Humidity: ≤95%RH
- Front panel：ABS
- Dimension:200×132×17.5mm
- Installation: Wall-mounted

Door Entry Feature:

- Linux system
- Connect up to 8 security sensors
- Can call elevator from home
- Can monitor security cameras
- Call with manager and tenants
- Support PoE
- Easy to integrated with SIP systems and services

Scenarios:

- Villas
- Single-family houses
- Apartment complexes

Our Important Partners

Six Leading Companies Jointly Build the Industry Ecosystem

NEXhome has extensively collaborated with industry giants such as Google, Amazon, Tencent, Alibaba, Baidu, Tencent, iFlytek, etc., in multi-level and all-round technological cooperation to strengthen industrial linkage.

Well-known Chinese Real Estate Enterprises

NEXhome has collaborated with over 100 renowned real estate enterprises in China, becoming the preferred choice for smart home solutions in many star and landmark projects.

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