

NINGBO KINGDUN
ELECTRONIC INDUSTRY CO.,LTD



KINGDUN ELECTRONIC

We, as a national Hi-tech Enterprise, specialized in alarm business. All our products are protected by patents and our customers are always in the center of our strategy.



Ningbo Kingdun Electronic Industry Co.,Ltd

Tel: 86-574-62566055 / 86-574-62566056
Mob: 008613245660006/008613081966918
Add: No.28 Fengyuan Rd,South of Economic Development Area,
Yuyao City,Zhejiang Province,China Zip code: 315400
Email: kingdunalarm@kingdun.com
Web: www.kingdun.com

CONTENTS

Carbon Monoxide Alarm	03
Gas Alarm	04
10Y Battery Smoke Alarm	05
Mini Size 10Y Battery Smoke Alarm	07
TUYA Smoke Alarm	08
Classic Smoke Alarm	09
Mini Smoke Alarm With 5Y/3Y Battery	15
Radio Interlinked Smoke Alarm	17
Heat Alarm	21
Water Alarm	22
WiFi Smart Home Alarm System	23
Intelligent Gas Cut Off Valve	25

COMPANY INTRODUCTION

NINGBO KINGDUN ELECTRONIC INDUSTRY CO., LTD, as a national Hi-tech enterprise, is a large-scale enterprise specializing in producing various types of safety alarms, like smoke alarms, Co alarms, gas alarms, water alarms, smart home networking products, etc. Ningbo Kingdun was established in the year 2003, located in Yuyao, a city well known as a historic city.

Kingdun covers 13,000 square meters, with more than 40000 square meters of Construction area. We have 9 SMT lines and 4 automatic through-hole production lines, 8 final packing lines, and one automated plastic injection room with 34 machines. The company implements ISO9001 quality management system, and runs ISO14001, ISO45001, BSCI and other management system as well. Kingdun combines R&D, production, and sales, our core advantage is to have an independent R&D team and laboratory, and we can have strict quality control of the

products, to provide customers with high-quality products and good service.

Kingdun's products are exported to all over European countries as well as Asia countries, New Zealand, and Australia market. We are working with authorized testing lab TUV/LPCB/BSI/VDS/BOSEC and acquired all related international certificates such as CE/VDS/NF/ROHS/REACH. We have been working in this market for over 20 years and we have a good reputation among our customers who are also well known as whole sellers and distributors in the security area.

Our main objective is to develop and innovate more safety products for our customers. Together with Kingdun, you can bring safety home to the end users. For more information, please visit our website or contact us directly with your questions or inquiries.



CARBON MONOXIDE ALARM

Classic model
With replaceable battery



KD-218A

With LCD display

Response time: 27±3 PPM>120min

55±5 PPM 60-90min

110±10 PPM 10-40min

330±30 PPM<3min

Concentration range displayed: 10-550PPM

Power source: DC4.5V,3PCS AA batteries

Battery service life: 2years

Static working current : <30uA

Alarm current: <65mA

Alarm sound: >85dB (3M distance)

Dimension: 107*77*36mm

EN 50291-1:2018



CARBON MONOXIDE ALARM

With 10Y built-in lithium battery

KD-216LA

Response time: 27±3 PPM>120min

55±5 PPM 60-90min

110±10 PPM 10-40min

330±30 PPM<3min

Power source: DC 3V(built-in CP603472)

Battery service time: 10years

Static working current: <9uA

Alarm current: <110mA

Alarm sound: >85dB(3M distance)

Dimension: 110*80*32MM

EN 50291-1:2018



KD-218B

No LCD display

Responsetime: 27±3 PPM>120min

55±5 PPM 60-90min

110±10 PPM 10-40min

330±30 PPM<3min

Power source: DC4.5V,3PCS AA batteries

Battery service life: 2years

Static working current: <15uA

Alarm current: <65mA

Alarm sound: >85dB(3M distance)

Dimension: 107*77*36mm

EN 50291-1:2018



GAS ALARM

HS-109B

Rated voltage: AC 230V/50Hz

Power consumption ≤ 6W

Alarming gas level ≤ 25% LEL

Alarm decibel ≤ 85dB/3m

Detective gas: natural gas and liquid gas

Push to test

Size: 126x73x76mm



10Y SMOKE ALARM

With 10Y built-in CR123A battery
New arrival



KD-108B



KD-108C



KD-108A

**NEW
ARRIVAL**

KD-108

Power source: DC3V(built-in CR-123A)
 Quiescent current: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarming decibel: $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



KD-108D



KD-108E

10Y SMOKE ALARM

With 10Y built-in CR123A battery

LM-107A

Power source: DC3V(built-in CR-123A)
 Quiescent current: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarming decibel: $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



FRONT



PROFILE



10Y SMOKE ALARM

Mini size version with
10Y built-in lithium battery



LM-109C

LM-109

Power source: DC 3V(build-in lithium battery)
 Quiescent current: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarming Decibel: $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 Hush feature
 Mini size: (diameter)67x47mm
 EN 14604:2005/AC:2008



LM-109D



LM-109E



LM-109G



TUYA SMOKE ALARM

3Y battery type
 TUYA WIFI connection
 New arrival

KD-123A

Power source: DC6.4V (2pcs CR123A)
 Quiescent current: $\leq 10\mu\text{A}$
 Alarm current: $\leq 300\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)64 *52mm
 EN 14604:2005/AC:2008



**NEW
ARRIVAL**



FRONT



PROFILE





CLASSIC SMOKE ALARM



FRONT



KD-129C



FRONT



KD-129D



FRONT



KD-129E

CLASSIC SMOKE ALARM

With replaceable battery
New arrival

KD-129

Power source: 9V battery
 Quiescent current $\leq 12\mu\text{A}$
 Alarm current $\leq 20\text{mA}$
 Alarmdecibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)101x34mm
 EN-14604:2005/AC:2008



KD-129A



KD-129B

**NEW
ARRIVAL**



CLASSIC SMOKE ALARM

With replaceable battery

KD-127

Power Source: 9V battery
 Quiescent current $\leq 12\mu\text{A}$
 Alarm current $\leq 20\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signa
 Push to test
 Hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



KD-127C



KD-127B



KD-127D



KD-127A

CLASSIC SMOKE ALARM

With replaceable battery

LM-102

Power Source: 9V battery
 Quiescent current mode $\leq 12\mu\text{A}$
 Alarm current $\leq 20\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 No hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



LM-102B



LM-102C



LM-102D



LM-102A



LM-102E

CLASSIC SMOKE ALARM

With replaceable battery

KD-133A/KD-134A

Power source: 9V battery
 Quiescent current $\leq 10\mu\text{A}$
 Alarm current $\leq 20\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 No hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



KD-134A



KD-133A



CLASSIC SMOKE ALARM

With replaceable battery

KD-135

Power source: 9V battery
 Quiescent current modes $\leq 10\mu\text{A}$
 Alarm current $\leq 20\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 No hush feature
 Size: (diameter)101x34mm
 EN 14604:2005/AC:2008



KD-135B



KD-135C



KD-135D



KD-135E



KD-135A

MINI SMOKE ALARM WITH 5Y BATTERY

KD-125

Power Source: DC3V(AAAx2)
 Quiescent current: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarm decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 No hush feature
 Mini size: (diameter)67x47mm
 EN 14604:2005/AC:2008



KD-125B



KD-125C



KD-125A

MINI SMOKE ALARM WITH 3Y BATTERY

KD-128

Power source: DC9V(CR2450 3X3V)
 Quiescent currents: $\leq 10\mu\text{A}$
 Alarm current: $\leq 20\text{mA}$
 Alarming decibel $\geq 85\text{dB}/3\text{m}$
 Low battery signal
 Push to test
 No hush feature
 Mini size: (diameter)72x37mm
 EN 14604:2005/AC:2008



KD-128B



KD-128G



KD-128A



RADIO INTERLINKED SMOKE ALARM

LM-101

Power source: DC9V(smoke detection)
 DC4.5V(transmission/receiver:3 pcs1.5V AA battery)
Quiescent current: DC9V \leq 12uA
Alarm current: DC9V \leq 20uA
 DC4.5V working current \leq 230uA
Alarm decibel \geq 85dB/3m
Frequency: 433.92MHz
Transmission/Receiver distance in open area \leq 60m
Low battery signal
Push to test
Size: (diameter)125x48mm
EN 14604:2005/AC:2008



LM-101LC



LM-101LD



LM-101LF



LM-101LG



LM-101LE

RADIO INTERLINKED SMOKE ALARM



RADIO INTERLINKED SMOKE ALARM

Smart size version with 10Y built-in battery

KD-122LA

Power source: DC3V (built-in Lithium Battery)
 Quiescent current mode: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarm decibel: $\geq 85\text{dB}/3\text{m}$
 Frequency: 868MHz
 Transmission/Receiver distance about 100m(open field)
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)85x39mm
 EN 14604:2005/AC:2008



FRONT

BACK

RADIO INTERLINKED SMOKE ALARM

Smart size version with 10Y built-in battery

KD-122LC

Power source: DC3V (built-in Lithium Battery)
 Quiescent current mode: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarm decibel: 85dB/3m
 Frequency: 868MHz
 Transmission/Receiver distance about 100m(open field)
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)85x39mm
 EN 14604:2005/AC:2008



Smart size version with 2Y battery

KD-122LE

Power source: 2pcs AAA battery
 Quiescent current mode: $\leq 2\mu\text{A}$
 Alarm current: $\leq 120\text{mA}$
 Alarm decibel: 85dB/3m
 Frequency: 868MHz
 Transmission/Receiver distance about 100m(open field)
 Low battery signal
 Push to test
 Hush feature
 Size: (diameter)85x39mm
 EN 14604:2005/AC:2008



HEAT ALARM

With 10Y Battery



KD-705LH

Power source: DC3V (built-in Lithium battery)
 Quiescent current: < 20uA
 Alarm current: <100mA
 Alarm setting: $\geq 55^{\circ}\text{C}$
 Audible alarm: 45dB~75dB/3m
 Working frequency: RF 868Mhz
 Working temperature: $-10^{\circ}\text{C}\sim+75^{\circ}\text{C}$
 Size: (diameter) 85X40mm



WATER LEAKAGE ALARM



KD-112

Power source: DC9V
 Quiescent current: 5~10uA
 Alarm current: $\leq 20\text{mA}$
 Alarm decibel: 85dB/3m
 Low battery signal
 Size: (diameter) 83X40mm



FRONT

BACK

HEAT ALARM

With replaceable battery



KD-705LG

Power source: DC3V (AAA*2pcs)
 Quiescent current: < 20uA
 Alarm current: <100mA
 Alarm setting: $\geq 55^{\circ}\text{C}$
 Alarm decibel: 45dB~75dB/3m
 Working frequency: RF 868Mhz
 Working temperature: $-10^{\circ}\text{C}\sim+75^{\circ}\text{C}$
 Size: (diameter) 85X40mm



KD-312L

Power source: DC9V
 Quiescent current: 10uA
 Alarm current: $\leq 20\text{mA}$
 Alarm decibel: 85dB/3m
 Low battery signal
 Size: 104.5*68*29.5mm



WIFI SMART HOME ALARM SYSTEM

KD-805

WIFI GATEWAY



AVAILABLE SCENARIOS

01. PIR Detector



02. Water Leakage Alarm



03. Smoke Alarm



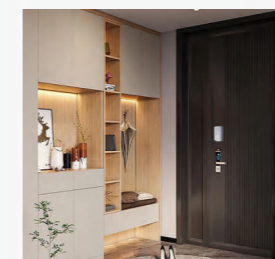
04. Gas Detector



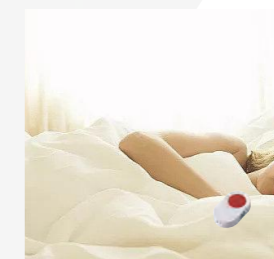
05. CO Detector



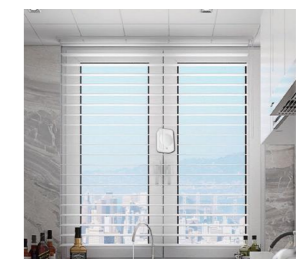
06. Remote Control



07. SOS Sensor



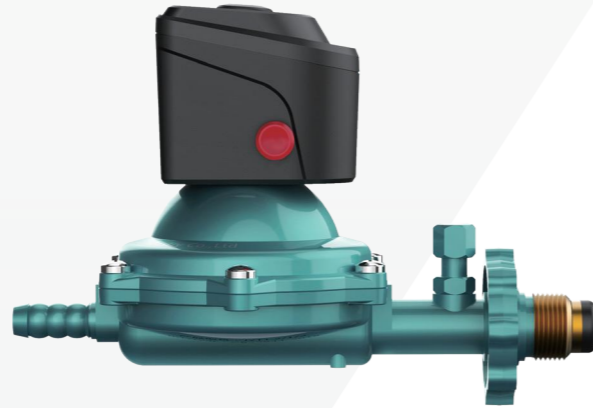
08. Doors & Windows Alarm



INTELLIGENT GAS CUT OFF VALVE SYSTEM WORK WITH KINGDUN GAS DETECTOR

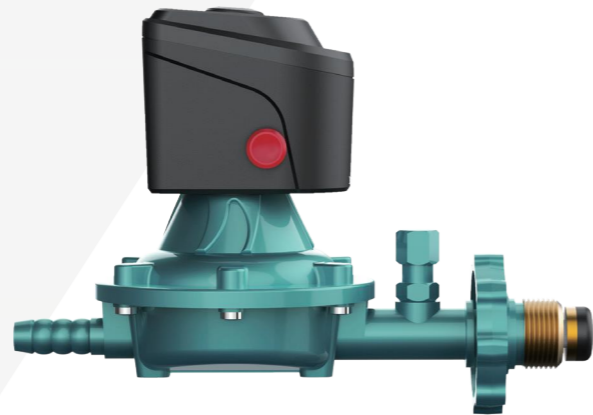
KD212J-A

Working power: DC3V AAA X2PCS
Transmission distance: 20m (in spacious area)
Max flow: 1.2 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021



KD212J-B

Working power: DC3V AAA X2PCS
Transmission distance: 20m(in spacious area)
Max flow: 0.6 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021



KD212K-A

Working power: DC3V AAA X2PCS
Transmission distance: 20m (in spacious area)
Max flow: 20 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021



INTELLIGENT GAS CUT OFF VALVE SYSTEM WORK WITH KINGDUN GAS DETECTOR

KD212K-B

Gas pipeline: DN15
Working power: DC3V AAA X2PCS
Transmission distance: ≥ 20 m(in spacious area)
Max flow: 20 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021



KD212K-C

Gas pipeline: DN25
Working power: DC3V AAA X2PCS
Transmission distance: ≥ 20 m(in spacious area)
Max flow: 20 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021



KD212K-D

Working power: DC3V AAA X2PCS
Transmission distance: ≥ 20 m(in spacious area)
Max flow: 20 cubic meters/h
Wireless control/battery operated
Standard: CCC, GB/T 3836.1-2021,GB/T 3836.4-2021

