

# A

## ccessories series

### Wireless smoke sensor

#### MD-2100R

##### Features:

- Thermistor sensor, photoelectric infrared LED.
- Sent status signal every 15S or 65S.
- Power input: 6VDC; 20μA ~ 40mA (stand by)、 20mA ( alarm).
- In comply with UI217 , 3.2% /feet.
- Alarming volume: 85dB at the distance of 10 feet.
- Wireless emitting frequency: 433MHz/868MHz.
- Wireless emitting distance ( shielding distance): 50m



#### MD-2200R

##### Features:

- Independent/ network/ wireless output (optical)
- Status self-checking function, sound and light show the alarm.
- Power input: 6VDC ; 20μA ~ 40μA( stand by)、 20mA( alarm)
- Emitting frequency: 433MHz/868MHz
- Alarming volume: 85dB at the distance of 10 feet
- Emitting rang: 100 meter ( in the open air)



#### MD-2300R

##### Features:

- Thermistor sensor, the sensibility is adjustable.
- Power input: 9VDC@10μA( stand by); 9VDC@20μA ( alarm).
- In comply with UI217 , 3.2% /feet.
- Alarming volume: 85dB at the distance of 10 feet.
- Emitting frequency: 433MHz/868MHz .
- Emitting rang: 100 meter



### Wireless gas sensor

#### MD-2000R

##### Features:

- Nano sensor, alarming information excluding and automatic reset.
- Alarm density: 0.1 ~ 0.5% (gas), 0.1 ~ 0.3% ( nature gas), 0.1 ~ 0.5%( LPG)
- Alarming volume: 70 dB at the distance of 10 feet.
- Power input: 220V , 10W
- Emitting frequency: 433MHz/868MHz
- Emitting rang: 100 meter.



#### MD-2002R

##### Features:

- The brand new Nanotechnology sensor, sound and light display
- Independent/ network/ wireless output (optical)
- Alarm density: 0.1% ~ 0.5% (gas) , 0.1 ~ 1%( nature gas), 0.1 ~ 0.5%( LPG),
- Alarming volume: 70 dB at the distance of 10 feet
- Power input: 9VDC@10μA(stand by); 9VDC@20μA(alarm)
- Emitting frequency: 433MHz/868MHz
- Emitting distance: 100m



## Wireless magnetic contact

### MD-209R



#### Features:

- Adopt special micro-power consuming CPU.
- With emergency button.
- Working status automatically report.
- Working voltage: 4.5V
- Current consumption:  $\leq 5 \mu A$  (standby); emitting current:  $\leq 15mA$
- Emitting frequency: 433MHz/868MHz
- Wireless emitting distance: 200m ( built in antenna)

### MD-210R



#### Features:

- Adopt special micro-power consuming CPU.
- Working status automatically report
- Timely report when the door or window is not closed.
- Working voltage: 3V
- Current consumption:  $\leq 5 \mu A$  (standby); emitting current:  $\leq 15mA$
- Emitting frequency: 433MHz/868MHz
- Wireless emitting distance : 200m (built in antenna)

### MD-212R



#### Features:

- The starting control distance:  $\leq 60 mm$
- Power supply: DC=12V $\sim$ 8.4V
- Low voltage warning: The battery LED will be on when the voltage is lower than 8 V.
- Current:  $\leq 20 \mu A$  (standby) ; emitting current:  $\leq 15mA$
- Emitting frequency:  $f=315/433 \pm 0.2MHz$
- Emitting distance: 200m ( non obstacle distance)

## Wireless magnetic contact

### MD-213R



#### Features:

- Large LED status indicator, timely report when the door or window is not closed.
- With emergency button.
- Working voltage :4.5V
- Current consumption:  $\leq 5 \mu A$  (standby); emitting current:  $\leq 15mA$
- Emitting frequency: 433MHz/868MHz
- Wireless emitting distance: 200m ( built in antenna)

### MD-219R



#### Features:

- Working status report, timely report when the door or window is not closed.
- External enhanced antenna, improve the sensibility
- Working voltage: 3V
- Current consumption:  $\leq 5 \mu A$  (standby); emitting current:  $\leq 15mA$
- Emitting frequency: 433MHz/868MHz
- Wireless emitting distance: 200m (built in antenna)

### MD-168R



#### Features:

- Working status report, timely report when the door or window is not closed
- High strength plastic shell, specially used in aluminum alloy doors and windows
- Working voltage: 3V
- Current consumption:  $\leq 5 \mu A$  (standby) ; emitting current:  $\leq 15mA$
- Emitting frequency: 433MHz/868MHz
- Wireless emitting distance: 200m (built in antenna)

## Wireless emergency button

### PB-200R



#### Features:

- Compact outlook design, needless wiring.
- Simple installation and convenient use.
- Adopt radio frequency identification technology, long transferring distance.
- Have the LED working status indicator .
- Adopt ABS flame retardant material shell .
- Emitting frequency: 433MHz/868MHz

### PB-201R



#### Features:

- Double-reed pipe magnetic switch
- With LED, conveniently used at night
- Working voltage: 9 $\sim$ 12VDC
- Emitting frequency: 433MHz/868MHz
- Emitting power: >10mW
- Emitting distance: >100m

### PB-202R



#### Features:

- Embedded button to prevent fault report.
- Designed for walking around, can sent emergent help signal in 24 hours.
- Have the function of monitoring.
- Report the status information to the panel every 64 minutes.
- The life of the battery is 8-10 years.

### PB-203R



#### Features:

- Wireless emitting structure, convenient use.
- Double-reed pipe magnetic switch.
- Flame retardant material shell.
- Double-button design, convenient operation.

### PB-506R Wireless door bell



#### Features:

- Slim and elegant appearance, waterproof.
- Digital circuit design, anti-interference
- Stable performance, elegant appearance, easy to install, wiring free.
- Fits for building, residential applications.
- Wiring free, wireless receiving distance:50-100meters.

### PL-204R/206R/208R Intelligent light controller



#### Features:

- Status inquiry.
- Remote control switch and panel remote controller dual-way communication function.
- Can configure with remote control or can be signally used.
- The most load: 220VAC/600W.
- Signal transmitting frequency: 433 MHz $\pm$ 50KHZ.

### PC-600R Intelligent light remote controller



#### Features:

- Can realize the functions of controlling the light' s on, off, turning up, delaying off and so on.
- 8 individuation scene lights, user can define it by himself.
- Working voltage: DC 12 ( V )
- Working current: 15-40(mA)
- Working frequency: 315 (260-440 and so on ,have more than 20 kinds of frequency to choice) ( MHz )
- Code type: learning/rolling code

## Wireless intelligent remote controller

### PB-403R Wireless remote controller

**Features:**

- With the emergency button and home automatic remote control function.
- With the high sensibility in the rang of 200m .
- Emitting frequency: 433MHz.
- Working voltage: 9V ~ 12V.



### PB-433R Wireless slideremote controller

**Features:**

- With the emergency button and home automatic remote control function.
- Slide outlook design, be built with high-strength metal outlook.
- With super high sensibility in the rang of 200m.



### PB-423R Wireless dual-way remote controller

**Features:**

- LCD display the note and picture.
- Compatible with the ST series wireless panels.
- With the emergency button and home automatic remote control function.
- With the high sensibility in the rang of 200m.



### PB-453R Wireless dual-way remote controller

**Features:**

- LCD display the note and picture.
- Compatible with the new ST series wireless panels.
- With the emergency button and home automatic remote control function.
- With the high sensibility in the rang of 200m.



## Wireless keypad

### PB-500R Wireless keypad

**Features:**

- LCD display the note and picture, communicate with the alarm panel double-way
- Working power: 6V
- The configuring keypad number : the most is 8
- Wireless communicating distance: 40m in the open air
- Emitting power: 12dB
- Emitting frequency: 433MHz/868MHz



### PB-501R Wireless slide keypad

**Features:**

- Communicate with the alarm panel by double wireless way.
- Working voltage: 6V( 4 AAA batteries、 50 uA) or 12VDC ( 100mA ) .
- Keypad number: at most 8
- Wireless communicating distance: 40m (in the open air)
- Emitting power: 12dB
- Emitting frequency: 433MHz/868MHz
- Emitting frequency: 433MHz/868MHz



## Wireless intelligent remote controller

### PB-301R Wireless repeater

**Features:**

- Receiving sensibility: -113dB
- Emitting power: <15mW
- Working voltage: DC 9-24V
- Working current: 10mA( standby); 150Ma( emitting)
- Receiving distance: 100m
- Emitting distance: 1500m
- Emitting frequency: 433MHz/868MHz



### PB-302R Wired to wireless repeater

**Features:**

- Patented 32 bit multi-code wireless coding
- Wired instruction alarming output can be transferred to wireless emitting signal
- 8 or 16 wired zones’ input terminals
- Working voltage: DC12V±2V
- Wireless frequency: 433MHz/868MHz
- Standby current: 9mA ~ 10mA



### PB-303R Wireless to wired repeater

**Features:**

- Receiving sensibility: -113dB
- Emitting frequency: 315/433/868MHz
- 8 or 16 wired zones’ input terminals
- The repeater can configure with 12v rechargeable battery and remote switch



### PB-305R Wireless to bus repeater

**Features:**

- Receiving sensibility: -113dB ;
- Can be transferred to RS-485 protocol or 7448 protocol, can configure with 16 zones output terminals
- Working voltage: DC12V±2V
- Wireless frequency: 433MHz/868MHz
- Standby current: 9mA ~ 10mA



## Wireless sound and light siren

### MD-314R



**Features:**

- Can control alarming through the remote controller
- Can code 48 wireless equipments
- Power supply: DC12V( built-in rechargeable battery: 12V/500mA )
- Remote controlling distance: > 100m
- Alarming volume: 10 dB
- Receiving frequency: 433MHz/868MHz

### MD-324R



**Features:**

- Can code 48 wireless equipments
- Solar power supply: Polycrystalline silicon solar cells
- Built-in rechargeable battery: 6V/4Ah
- Wireless receiving sensibility: ≥ 104dB
- Emitting power: 14±1dB
- Wireless receiving frequency: 433MHz/868MHz

### MD-334R



**Features:**

- Both sides of the double-flash design
- Built-in dual-tweeter
- Can communicate with the panel through wireless dual-way
- Working current consumption: 12VDC@100μA ;
- Emitting frequency: 433MHz/868MHz



## Wired gas detector

### MD-2206 Wired gas detector



**Features:**

- Sound and light alarm, net-linking alarm optical
- Adjustable sensibility, automatically reset
- Working current:  $\leq 150\text{mA}$
- Working voltage : AC 220V / 50Hz
- Responding time:  $< 20\text{s}$
- Alarming density: 15%LEL; reset density: 8%LEL
- Alarming volume: 85dB at the distance of 10 feet

### MD-2205 Wired gas detector



**Features:**

- Sound and light alarm: NO/NC output , automatically reset
- Working current:  $\leq 150\text{mA}$
- Working voltage: 9 ~ 15VDC
- Responding time:  $< 20\text{s}$
- Alarm density: 15%LEL; reset density: 8%LEL
- Alarming volume: 85dB at the distance of 10 feet

### MD-2204 Wired gas detector



**Features:**

- Normal temperature sensor, with buzzer
- Working current:  $\leq 100\text{mA}$
- Working voltage: AC 220V / 50Hz
- Responding time:  $< 20\text{s}$
- Alarm density: 0.1 ~ 0.5% ( gas ); 0.1 ~ 0.3% ( nature gas ); 0.1 ~ 0.5% ( LPG )
- Alarming volume: 85dB at the distance of 10 feet

### MD-2203 Gas valve control switch



**Features:**

- Ensure the switch can be a timely turn off when the abnormal gas stove flame off.
- Determine the number of sensors and contact switches according to the number of gas stove
- Working current:  $\leq 150\text{mA}$
- Working voltage: AC 220V / 50Hz

## Wired smog detector

### MD-2000 Ionic formula smog detector



**Features:**

- Nanotechnology sensor, unique ion detection
- Manual test and hand-reset are optional
- Working current:  $\leq 20\text{mA}$
- Working voltage: 12VDC
- Alarming volume: 85dB at the distance of 10 feet

### MD-2001 Photoelectric smog detector



**Features:**

- Manual test, automatic reset
- Photoelectric sensor, Combined aural and visual alarm
- Working current:  $\leq 20\text{mA}$
- Working voltage: 12VDC
- Alarming sound intensity
- Monitoring area: 20 square meter

### MD-2002 Photoelectric smog detector



**Features:**

- New optical cavity design
- Spot aural and visual alarm, net-linking alarm
- Automatic reset, it will disconnect automatically, when obviate alarm
- Working current:  $\leq 20\text{mA}$  ( alarm )
- Working voltage: 9VDC ~ 12VDC
- Alarming volume: 85dB at the distance of 10 feet.

### MD-2003 Electronic thermal detector



**Features:**

- High quality thermistor sensor, with high sensitivity
- Unique BUS transmission,
- Adopts 7 bits DIP switch for address settings
- User-defined sensitivity
- Working current:  $\leq 20\text{mA}$  ( alarm )
- Working voltage: 9VDC ~ 12VDC

## Glass Break Detector

### FG-2025



**Features:**

- Built-in audio analysis microprocessor,
- All-dimensional microphone design, with high sensitivity
- Detecting distance: the diameter is 4.5m
- Glass thickness: 3 mm、 4.8 mm、 6 mm
- Rating voltage: 9-16V DC
- Current consumption: 20mA(24mA max)12V DC

### FG-2045



**Features:**

- Built-in audio analysis microprocessor
- All-dimensional microphone design,
- Detecting thickness: 3 mm、 4.8 mm、 6 mm
- Rating voltage: 9-16VDC
- Current consumption: 20mA(24mA max)12V DC

## Vibration Detector

### FG-2035



**Features:**

- Dual stage potentiometer adjustment, compression piezoelectric sensor
- All-dimensional microphone design,
- Built-in audio analysis microprocessor
- Working current: 12.5mA
- Working voltage: 9-16VDC
- Responding time:  $< 20\text{s}$

## Siren

### MD-202 Siren



**Features:**

- Dual alarm flashing lights on both sides
- Built-in wireless keypad
- Rating voltage: 12VDC
- Rating current: 300mA
- Working voltage: 9-15VDC
- Sound pressure : 108 $\pm$ 3 ( dB/30cm )

### MD-203 Wired audible/visual siren



**Features:**

- Dual alarm flashing lights on both sides
- Separate version double treble speaker design. Built-in wireless keypad
- Rating voltage: 12VDC
- Rating current: 9-15VDC
- Sound pressure : 108 $\pm$ 3 ( dB/30cm )

### MD-204 Wired siren



**Features:**

- With tamper function, Self-checking periodically
- Rating voltage: 12VDC
- Rating current: 500mA
- Working voltage: 9-15VDC
- Sound pressure : 108 $\pm$ 3 ( dB/30cm )

### MD-205 Wired audible/visual siren



**Features:**

- ABS crust, with fire-retardant capability, A variety of installation method are optional
- Rating voltage: 12VDC
- Rating current: 300mA
- Working voltage : 9-15VDC
- Sound pressure : 108 $\pm$ 3 ( dB/30cm )

Siren

MD-206  
Wired audible/visual siren



MD-207  
Wired audible/visual siren



MD-208  
Speaker



Parameter:

- Rating voltage: 12VDC
- Rating current: 300mA
- Working voltage: 9-15VDC
- Sound pressure : 108± 3 (dB/30cm)

Emergency button

FB-601



FB-602



FB-603

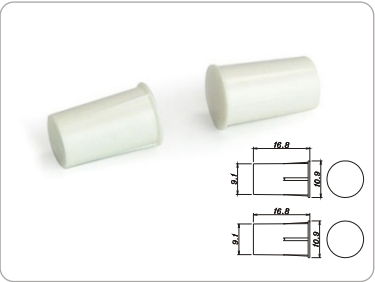


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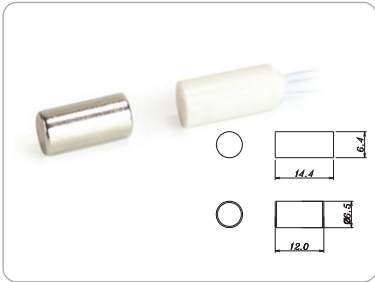
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- Working current: ≤300mA
- Contact way: NO/NC
- Housing material: fire-retardant ABS

Magnetic contact

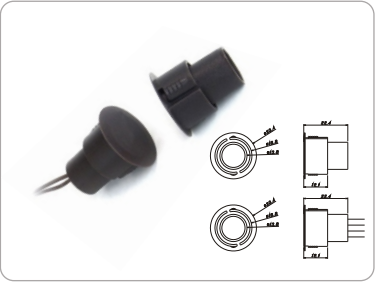
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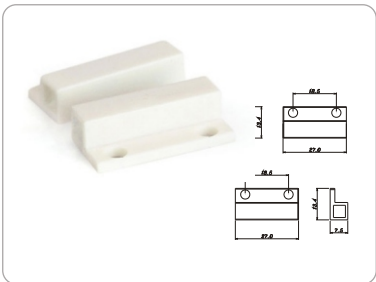
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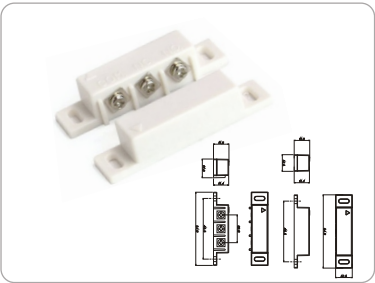
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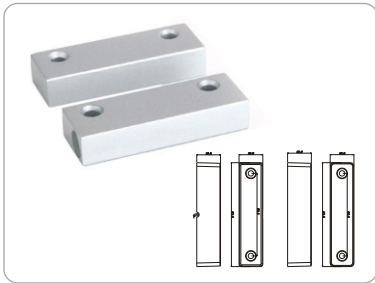
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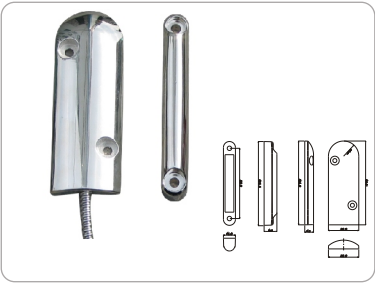
MD-138A



MD-136



MD-155



Parameter:

- Working voltage: ≤100V
- Working current: ≤500mA
- Contact way: NO/NC
- Working distance: ≥15mm ≤30mm

Alarm & CCTV  
Professional manufacturer



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