

Wireless Gas Detector

ZA01A

Datasheet

Copyright©Netvox Technology Co., Ltd.

This document contains proprietary technical information which is the property of NETVOX Technology. It shall be maintained in strict confidence and shall not be disclosed to other parties, in whole or in part, without written permission of NETVOX Technology. The specifications are subject to change without prior notice.

Wireless Gas Detector

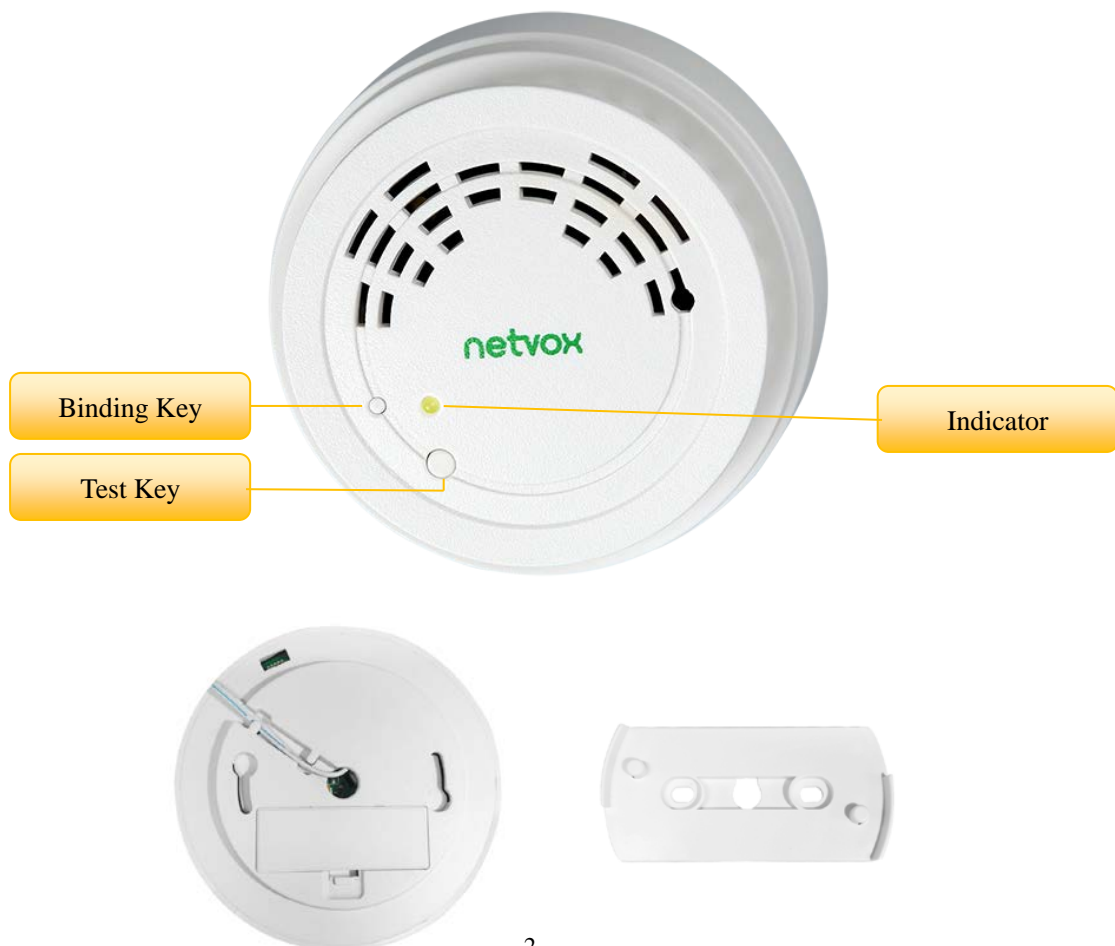
Introduction

ZA01A is a high-reliability wireless controlled alarming device for smart home. It integrates the ZigBee Soc chip module. It is a 2.4GHz ISM band transceiver and is fully compatible with the ZigBee Pro protocol. It can communicate with ZigBee network router, the coordinator, and the terminal device.

ZA01A is a device for detecting harmful gases in the home environment. It is suitable for the detection of ammonia, sulfide, ethanol, benzene vapor, smoke, etc. and emits an alarm sound.

It is fully compliant with the IEEE802.15.4 ZigBee HA protocol standard and is applicable to any Zigbee HA protocol network.

Appearance



Wireless Gas Detector

Technical Specification

Electric

Power Input 1	100 ~ 240VAC, 50/60Hz
Operating Current	25mA / 220VAC / 1.9W (typical)
Alarm Current	31mA / 220VAC / 2.5W (typical)
Power Input 2	DC 12V Switching Power Supply (Need to be customized)
Operating Current	100mA/12VDC (typical value)
Alarm Current	150mA/12VDC (typical value)
Scope of Application	10-1000ppm ammonia, toluene, hydrogen

Frequency

Frequency Band	2.4 - 2.4835 GHz
Communication Channel	16
Data Transfer Rate	250 Kbps
Modulation Method	DSSS (O-QPSK)
TX Power	7 dBm
Receive Sensitivity	-101 dBm
Antenna Type	Built-in antenna
Communication Distance	210 meters (visible straight distance)

Physical

Dimension	D: 96mm * H: 50mm
Ambient Humidity	< 95% RH (No condensation)
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70 °C

Wireless Gas Detector

Contact:

NETVOX TECHNOLOGY CO., LTD.

TEL: 886-6-2617641

FAX: 886-6-2656120

E-mail: sales@netvox.com.tw

WEB: www.netvox.com.tw

NETVOX TECHNOLOGY CO., LTD (XIAMEN)

TEL: 86-592-5717188

FAX: 86-592-5717180

E-mail: dyx@netvox.com.cn

WEB: www.netvox.com.cn

Wireless Methane Gas Detector ZA01B Datasheet

Copyright©Netvox Technology Co., Ltd.

This document contains proprietary technical information which is the property of NETVOX Technology. It shall be maintained in strict confidence and shall not be disclosed to other parties, in whole or in part, without written permission of NETVOX Technology. The specifications are subject to change without prior notice.

Wireless Methane Gas Detector

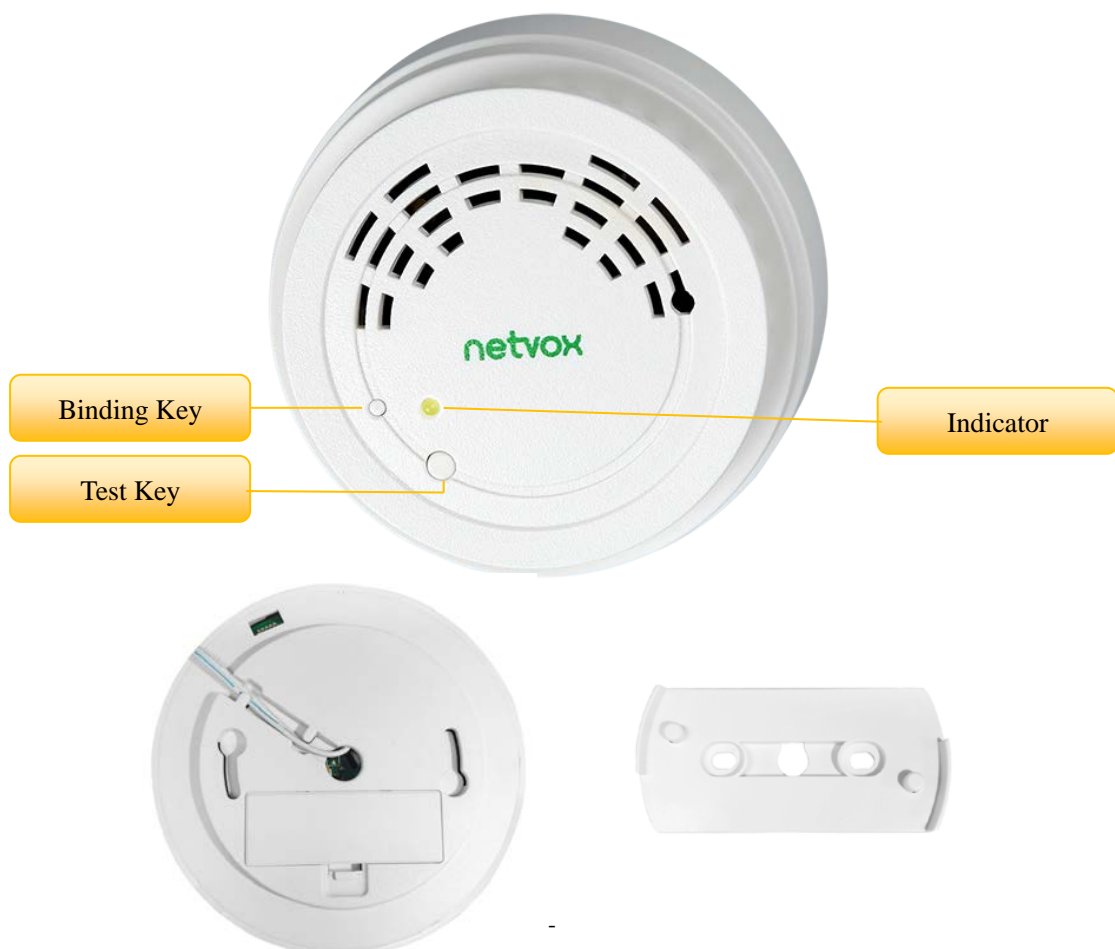
Introduction

ZA01B is a high-reliability wireless controlled alarming device for smart home. It integrates the ZigBee Soc chip module. It is a 2.4GHz ISM band transceiver and is fully compatible with the ZigBee Pro protocol. It can communicate with ZigBee network router, the coordinator, and the terminal device.

ZA01B is a device for detecting harmful gases in the home environment. It can detect the concentration of natural gas, methane, etc. in the air and emit an alarm sound.

It is fully compliant with the IEEE802.15.4 ZigBee HA protocol standard and is applicable to any Zigbee HA protocol network.

Appearance



Wireless Methane Gas Detector

Technical Specification

Electric

Power Input	100~240VAC, 50/60Hz
Operating Current	14.5mA / 220VAC / 0.95W (typical value)
Alarm Current	19.8mA / 220VAC / 1.44W (typical value)
Gas Concentration Detection Range	1500~7500 ppm

Frequency

Frequency Band	2.4-2.4835 GHz
Communication Channel	16
Data Transfer Rate	250Kbps
Modulation Method	DSSS (O-QPSK)
TX Power	7dBm
Receive Sensitivity	-101dBm
Antenna Type	Built-in antenna
Communication Distance	210 meters (depend on situation of specific environment)

Physical

Dimension	D: 92mm * H: 50mm
Ambient Humidity	30% ~ 95%RH (No condensation)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 70°C

Wireless Methane Gas Detector

Contact

NETVOX TECHNOLOGY CO., LTD.

TEL: 886-6-2617641

FAX: 886-6-2656120

E-mail: sales@netvox.com.tw

WEB: www.netvox.com.tw

NETVOX TECHNOLOGY CO., LTD (XIAMEN)

TEL: 86-592-5717188

FAX: 86-592-5717180

E-mail: dyx@netvox.com.cn

WEB: www.netvox.com.cn

Wireless CO Detector

ZA01C

Datasheet

Copyright©Netvox Technology Co., Ltd.

This document contains proprietary technical information which is the property of NETVOX Technology. It shall be maintained in strict confidence and shall not be disclosed to other parties, in whole or in part, without written permission of NETVOX Technology. The specifications are subject to change without prior notice.

Wireless CO Detector

Introduction

ZA01C is a high-reliability wireless controlled alarming device for smart home. It integrates the ZigBee Soc chip module. It is a 2.4GHz ISM band transceiver and is fully compatible with the ZigBee Pro protocol. It can communicate with ZigBee network router, the coordinator, and the terminal device.

ZA01C is a device for detecting harmful gases in the home environment. It is suitable for CO detection and emit an alarm sound.

It is fully compliant with the IEEE802.15.4 ZigBee HA protocol standard and is applicable to any Zigbee HA protocol network.

Appearance



Wireless CO Detector

Technical Specification

Electric

Power Input 1	100~240VAC, 50/60Hz
Operating Current	27Ma / 220VAC / 2.01W (typical value)
Alarm Current	33mA / 220VAC / 2.63W (typical value)
Power Input 2	DC 12V Switching Power Supply (Need to be customized)
Operating Current	110mA / 12VDC (typical value)
Alarm Current	150mA / 12VDC (typical value)

Frequency

Frequency Band	2.4-2.4835 GHz
Communication Channel	16
Data Transfer Rate	250Kbps
Modulation Method	DSSS (O-QPSK)
TX Power	7dBm
Receive Sensitivity	-101dBm
Antenna Type	Built-in antenna
Communication Distance	210meters (depend on situation of specific environment)

Physical

Dimension	D: 92mm * H: 50mm
Ambient Humidity	< 95%RH (No condensation)
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-40°C ~ 85°C

Wireless CO Detector

Contact:

NETVOX TECHNOLOGY CO., LTD.

TEL: 886-6-2617641

FAX: 886-6-2656120

E-mail: sales@netvox.com.tw

WEB: www.netvox.com.tw

NETVOX TECHNOLOGY CO., LTD (XIAMEN)

TEL: 86-592-5717188

FAX: 86-592-5717180

E-mail: dyx@netvox.com.cn

WEB: www.netvox.com.cn

Wireless Liquefied Petroleum Gas Detector ZA01D Datasheet

Copyright©Netvox Technology Co., Ltd.

This document contains proprietary technical information which is the property of NETVOX Technology. It shall be maintained in strict confidence and shall not be disclosed to other parties, in whole or in part, without written permission of NETVOX Technology. The specifications are subject to change without prior notice.

Wireless Liquefied Petroleum Gas Detector

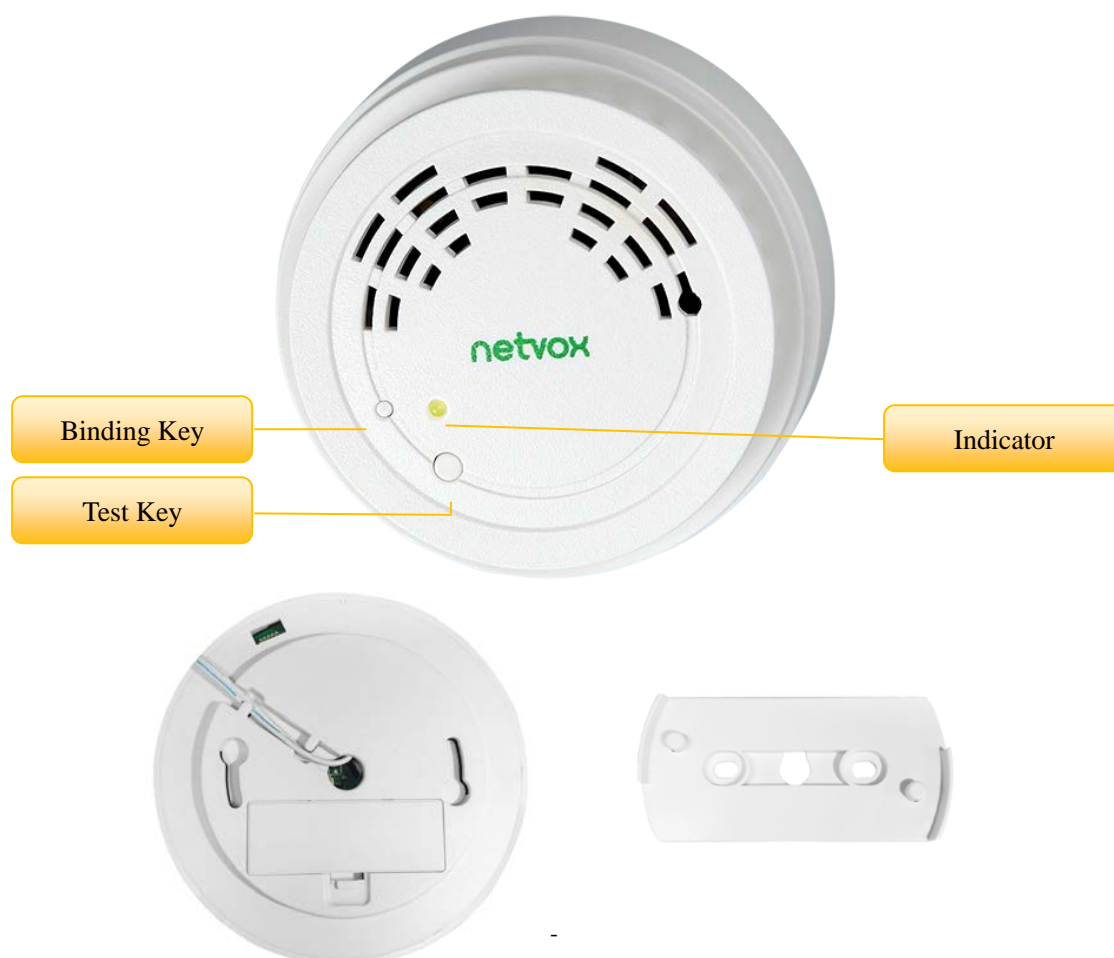
Introduction

ZA01D is a high-reliability wireless controlled alarming device for smart home. It integrates the ZigBee Soc chip module. It is a 2.4GHz ISM band transceiver and is fully compatible with the ZigBee Pro protocol. It can communicate with ZigBee network router, the coordinator, and the terminal device.

ZA01D is a device for detecting harmful gases in the home environment. It can detect the gas such as liquefied petroleum gas and liquefied gas in the air and emit an alarm sound.

It is fully compliant with the IEEE802.15.4 ZigBee HA protocol standard and is applicable to any Zigbee HA protocol network.

Appearance



Wireless Liquefied Petroleum Gas Detector

Technical Specification

Electric

Power Input	100~240VAC, 50/60Hz
Operating Current	14.4Ma / 220VAC / 0.95W (typical value)
Alarm Current	19.8mA / 220VAC / 1.45W (typical value)
Gas Concentration Detection Range	3000~6000 ppm

Frequency

Frequency Band	2.4-2.4835 GHz
Communication Channel	16
Data Transfer Rate	250Kbps
Modulation Method	DSSS (O-QPSK)
TX Power	7dBm
Receive Sensitivity	-101dBm
Antenna Type	Built-in antenna
Communication Distance	210 meters (depend on situation of specific environment)

Physical

Dimension	D: 92mm * H:50mm
Ambient Humidity	< 95%RH (No condensation)
Operating Temperature	-10°C~50°C
Storage Temperature	-40°C~85°C

Wireless Liquefied Petroleum Gas Detector

Contact:

NETVOX TECHNOLOGY CO., LTD.

TEL: 886-6-2617641

FAX: 886-6-2656120

E-mail: sales@netvox.com.tw

WEB: www.netvox.com.tw

NETVOX TECHNOLOGY CO., LTD (XIAMEN)

TEL: 86-592-5717188

FAX: 86-592-5717180

E-mail: dyx@netvox.com.cn

WEB: www.netvox.com.cn