

Solution Introduction

ZL10SN

ZL10SN are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ Quickly Accessible Cloud Platform
- ▶ Loudspeaker for Merchants

Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE&TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28 OR B2/4/5/7/12/13/66/40/41
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	FPC Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
WIFI.(Optional)	
Wifi	802.11 b/g/n
Antenna	Onboard
Audio Spec.	
Speaker	3W*1
SPL@100CM	≥85dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C*1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1;Fun*1;Refresh*1

Solution Introduction

ZL10SV

ZL10SV are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ It offers instant broadcast with
- ▶ It is equipped with a secure and reliable Internet of Things push platform.

Specifications

LTE Spec.	
Module Model	ZX600-CH GSM<E Module by ZXINFOTEK
Network Mode	GSM/GPRS FDD LTE&TDD LTE
GSM Bands	GSM:900/1800
LTE Bands	FDD:B1/B3/B5/B8;TDD:B38/B40/B41
LTE Protocol	3GPP E-UTRA Release 13
LTE Bandwidth	1.4/3/5/10/15/20M
LTE Speed	max 10Mbps(DL)/5Mbps(UL)@FDD mode max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	FPC Inside
LTE Bands Antenna TRP	19±1dBm
LTE Bands Antenna TIS	≤-89dBm
WIFI(Optional)	
Protocols	WIFI 2.4GHz
Antenna	Onboard
GNSS(Optional)	
GNSS	GPS(A-GPS), BDS
Antenna	external
BT/BLE Audio Spec.(Option)	
Protocols	Bluetooth V5.1+BR+EDR+BLE
Antenna	Onboard
Audio Spec.	
Speaker	3W*1
SPL@100CM	≥90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4 Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C*1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1;Fun*1

Solution Introduction

ZL10W

ZL10W are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ Quickly Accessible Cloud Platform
- ▶ Loudspeaker for Merchants

Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE&TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28 OR B2/4/5/7/12/13/66/40/41
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
WIFI(Optional)	
Wifi	802.11 b/g/n
Antenna	Onboard
Audio Spec.	
Speaker	3W*1
SPL@100CM	≥90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C *1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1; Latest receipt announcement button*1; Total receipts announcement button*1

Solution Introduction

ZL10WP

ZL10WP are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ Quickly Accessible Cloud Platform
- ▶ Loudspeaker for Merchants

Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE&TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28 OR B2/4/5/7/12/13/66/40/41
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
WIFI(Optional)	
Wifi	802.11 b/g/n
Antenna	Onboard
Display	
Display	8Digits Segment Display
Audio Spec.	
Speaker	3W*1
SPL@100CM	≥90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C *1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1; Latest receipt announcement button*1; Total receipts announcement button*1

Solution Introduction

ZL10TH

ZL10TH are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ Quickly Accessible Cloud Platform
- ▶ Loudspeaker for Merchants

Specifications

LTE Spec.

Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE&TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28 OR B2/4/5/7/12/13/66/40/41
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm

WIFI.(Optional)

Wifi	802.11 b/g/n
Antenna	Onboard

Audio Spec.

Speaker	3W*1
SPL@100CM	≥85dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω

Power Spec.

Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery

Interface Spec.

USB	Type C*1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1; FUN*1

Solution Introduction

ZL10SD (USB)

ZL10SD are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ Quickly Accessible Cloud Platform
- ▶ Loudspeaker for Merchants

Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE & TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
WIFI.(Optional)	
WIFI.	802.11 b/g/n
Antenna	Onboard
Audio Spec.	
Speaker	5W*1
SPL@100CM	≥90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Charging Mode	USB
Interface Spec.	
USB	Type C *1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1;Fun*1
Display . LCD	
LCD size	2.4 inches
Resolution	240 RGB X 320

Solution Introduction

ZL10SD

ZL10SD are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- Loud Voice Broadcast
- It offers instant broadcast with clear sound quality and a wide coverage area.
- It is equipped with a secure and reliable Internet of Things push platform.

Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE & TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
WIFI.(Optional)	
WIFI.	802.11 b/g/n
Antenna	Onboard
Audio Spec.	
Speaker	5W*1
SPL@100CM	≥90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C *1
Indictior LED	RGB*1
Key	Powerkey*1;Vol+*1;Vol-*1;Fun*1
Display . LCD	
LCD size	2.4 inches
Resolution	240 RGB X 320

Solution Introduction

ZL10SD-A

ZL10SD-A are Cloud speaker connected to the Internet by 4G cellular, it broadcasts real-time transaction messages synchronously to prevent the loss of failed transactions in busy and crowded scenarios



Features

- ▶ Loud Voice Broadcast
- ▶ It offers instant broadcast with clear sound quality and a wide coverage area.
- ▶ It is equipped with a secure and reliable Internet of Things push platform.



Specifications

LTE Spec.	
Module Model	ZX800-VG LTE Module by ZXINFOTEK
Network Mode	FDD LTE & TDD LTE
LTE Bands	B1/3/5/8/34/38/39/40/41 OR B1/3/5/7/8/20/28 OR B1/2/3/4/5/7/8/28
LTE Protocol	3GPP E-UTRA Release 13
Bandwidth	1.4/3/5/10/15/20M
Speed	Max 10Mbps(DL)/5Mbps(UL)@FDD mode Max 8Mbps(DL)/2Mbps(UL) or 6Mbps(DL)/4Mbps(UL)@TDD mode
Antenna	PIFA Inside
Antenna TRP	19±1dBm
Antenna TIS	≤-89dBm
Audio Spec.	
Speaker	5W*1
SPL@100CM	≥ 90dB
THD (1KHZ)	THD+N(Rated Power)≤2%
Frequency	350-20000Hz
Impedence	4Ω
Power Spec.	
Input	DC 5V/1A
Battery	Type 3.7V/2000mAh rechargeable Li-ion Battery
Interface Spec.	
USB	Type C *1
Indictior LED	RGB*1
SIM Card	Nano SIM/ ESIM
NFC	Support NFC
Key	Powerkey*1;Vol+*1;Vol-*1;Fun*1
Shell thickness	≥2MM
Bluetooth	
Bluetooth	BLE 5.4G+2.4GHZ-Proprietary
Antenna	Onboard
Bluetooth MIC Spec.	
Bluetooth MIC	BLE 5.4G+2.4GHZ-Proprietary
Display . LCD	
LCD size	2.4 inches
Resolution	RGB 240* 320



Features

Features

- Loud Voice Broadcast

Independent Buttons, There are independent buttons which can be used to adjust the volume in a cyclic manner. The maximum volume can reach over 100 decibels (which is close to the limit of tolerable noise).

- Payment Code Display Area

It has a large display area that comes with the display of payment code information, making the product more integrated.

- Quickly Accessible Cloud Platform

It is equipped with a secure and reliable Internet of Things push platform. The docking between the payment platform and the cloud platform can be completed simply by calling the API.

- Loudspeaker for Merchants

It offers instant broadcast with clear sound quality and a wide coverage area.

- Flexible ID Design and Exterior Structure

We can customized the ID Design according to customer's requirements. It can be paired with different accessories to meet the customized needs of various scenarios.

Application Scenarios Introduction

► Noisy Places

For example, in places like vegetable markets, hypermarkets, shopping malls, and wholesale markets where there is a dense flow of people, high noise levels, and large crowds, the cloud speaker with a broadcast volume of over 100 decibels (which is close to the limit of tolerable noise) is loud enough to clearly announce the payment amounts among the noisy crowds.

► Individual Merchants

This includes individual restaurants, convenience stores, specialty stores and other independent shops. Through personalized appearance customization and the combination of different accessories, a better user experience can be achieved and the store image can be enhanced.



Vegetable market



Supermarket



Small merchants



Mall