

语音对讲安装示意图



接口说明

网络、电源示意图

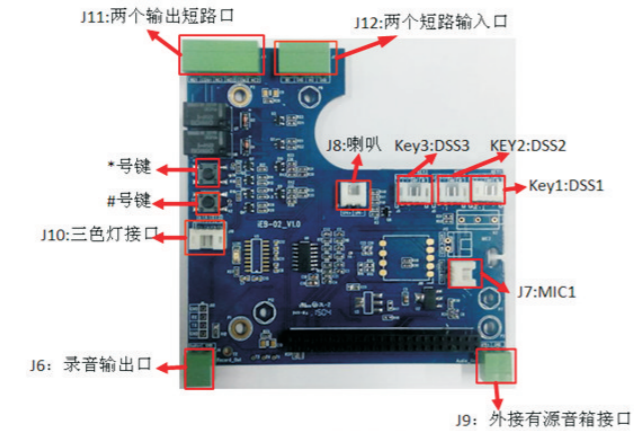
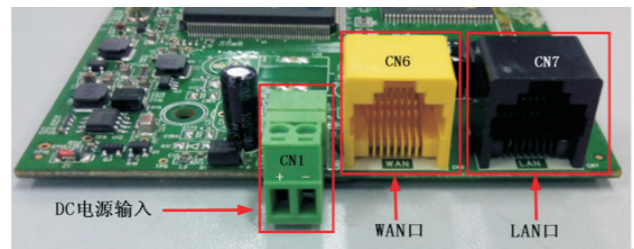


图1 扩展板接口示意图



[注意]LAN口支持两种模式，分别为：
路由模式（可以通过设备的DHCP功能，给LAN口分配IP地址）；
网桥模式（LAN口与WAN口处于同一网段）。

接口描述

接口	描述	功能	实物图片
CN1	直流电源输入接口	设备供电电源，输入范围：+9~+18V DC（注意电源正负极的连接）	
CN6	网络WAN口	连接网络，10/100M 自适应以太网口，连接网络	
CN7	网络LAN口	连接电脑/外设，10/100M 自适应以太网口，连接电脑（可配置为路由模式或网桥模式）	
J9	外接有源音箱接口	外接有源音箱实现音频功率放大。一根是音频信号线，一根是地线（注意一定要接地线，否则会有噪音）	
J4	录音输出接口	把设备与远端通话的声音混合输出。一根是录音信号线，一根是地线（注意一定要接地线，否则会有噪音）	
Key1/key2/key3	DSS(可编程键)键接口	连接功能按键。可以定义为热键、功能键（挂机、免提等）、组播键	
J11	短路输出控制接口	两路短路输出控制。用于控制电锁、告警灯等	
J12	短路输入检测接口	两路短路输入检测。用于连接红外探头、门磁、震动传感器等输入设备	
J10	状态指示灯接口	网络和注册、通话、来电振铃状态指示。用于外接状态指示灯	

接口使用说明

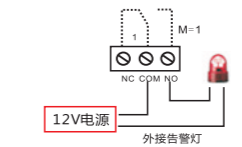
J9: 外接有源音箱接口	
2	1
SPK+	GND
音频输入端	地线



J6: 录音输出接口	
2	1
Audio+	GND
录音输出端	地线

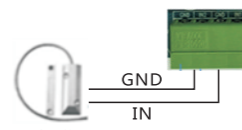


j11:两组短路输出口					
输出接口2 (OUT2)			输出接口1 (OUT1)		
6	5	4	3	2	1
NC2	COM2	NO2	NC1	COM1	NO1
常闭	公共端	常开	常闭	公共端	常开



NO:空闲状态下是断开的(常开)
COM:继电器的触点(中间)
NC:空闲状态下是连通的(常闭)

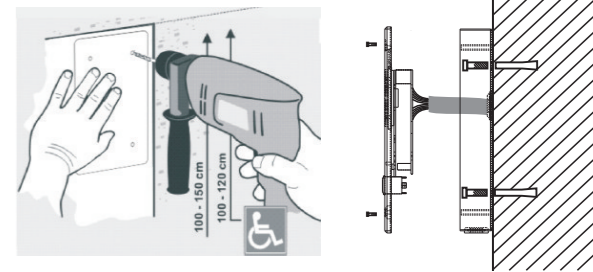
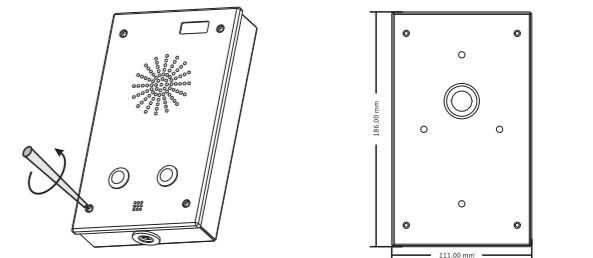
J12两组短路输入接口			
输入接口2(IN2)		输入接口1(IN1)	
4	3	2	1
GND	IN2	GND	IN1
输入口2	输入口2	输入口1	输入口1



安装示意图

壁挂式安装：

- 1) 使用设备自带的螺丝工具，把面壳的防盗螺丝卸下；
- 2) 按照设备配套提供的安装尺寸图在墙上画出安装孔，使用电钻打好孔位。
- 3) 把白色胶塞打入墙内，使用配套的自攻螺丝把底壳固定在墙上；
- 4) 连接好电源线和网线后，用防盗螺丝把面壳固定好。

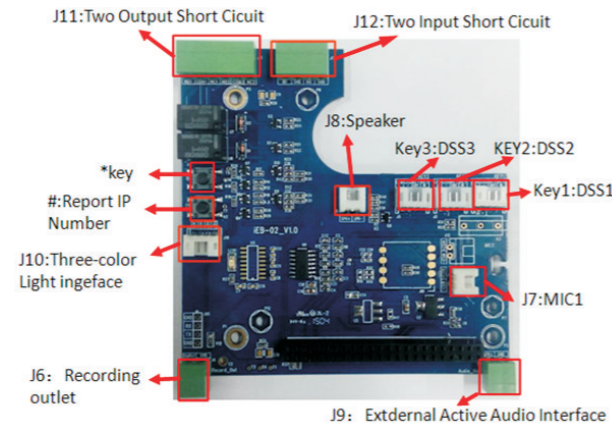


IP intercom install Guide

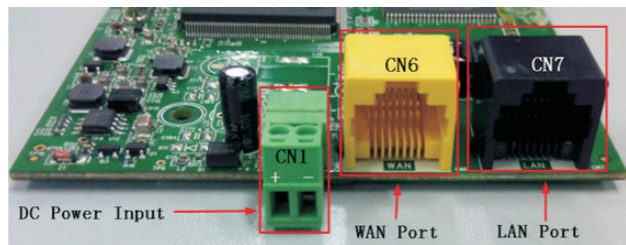


Interface Specification

Network, power supply schematic



Expansion board connector diagram



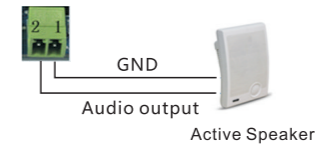
[Note] LAN port support two modes, one is Routing mode(It can use the DHCP function of the device, IP address assigned to LAN port),the other is Net Bridge Mode (LAN and WAN port on the same network segment)

Interface Description

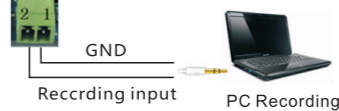
Interface	Description	function	Physical Picture
CN1	Power Input	Input Range : +9~+18V DC (Note: Power supply polarity of connections)	
CN6	WAN Port	10/100M Adaptive Ethernet port, connect to the network	
CN7	LAN Port	10/100M Adaptive Ethernet port, connected to the computer(which can be configured router mode, or bridge Mode)	
J9	External Active Speakers Interface	One is the audio signal line, one is the bottom lines(Please connect to grounding wires, otherwise there will be noise)	
J4	Audio output interface	By mixing equipment and remote call voice output. (Please connect to grounding wires, otherwise there will be noise)	
Key1/key2/key3	DSS(programmable keys)Key interfaces	Can be defined hot keys, function keys(such as hanging up, hands-free), multicast keys	
J11	Short output control interface	Used to control electric locks, alarm lamp and so on	
J12	Short input detection Port	Used to connect to infrared detector, magnetic contact, vibration sensors and other input devices	
J10	Status indicator connector	For an external status(calling, ring, network) indicators	

Interface instructions

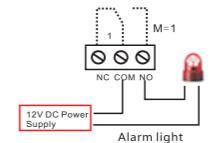
J9:External active speakers interface	
2	1
Audio+	GND
Audio Port	Ground Wire



J6:Audio output interface	
2	1
Audio+	GND
Audio output	Ground Wire

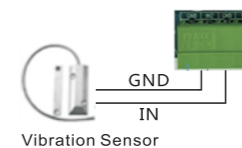


J11:short circuit output					
Output Interface 2 (OUT2)			Output Interface 1(OUT1)		
6	5	4	3	2	1
NC2	COM2	NO2	NC1	COM1	NO1
Normal Open	common terminal	Normal Close	Normal Open	common terminal	Normal Close



NO : means idle-disconnected contact (normally open)
COM: means a pin contact(middle) ;
NC : means an idle-connected contact(normally close).

J12: circuit input port			
Input port 2 (IN2)		Input port 1(IN1)	
4	3	2	1
GND	IN2	GND	IN1
Input Pin 2	Input Pin 2	Input Pin 1	Input Pin 1



Installation Diagram

Equipment installation
Wall-mounted:

- 1)Use built-in screw tool to remove the surface shell
- 2)Based installation dimensions, mounting hole in the wall to draw. Use an electric drill holes lay
- 3)The white rubber plugged into the wall and the bottom fixed with screws to the wall.
- 4)After connecting the power cord and network cable, screw the surface shell fixed.

