

# 1.端口定义

## 1.1心跳包端口

9000

## 1.2RTP端口

8000

## 1.3包结构

Slip

Data-protocol

说明：包结构是用slip串行传输协议传输Data-protocol通信数据

Data-protocol格式如下：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Offset | Field | Size | Value | Description |
| 0 | Header | 2 | constant | 0xABCD |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

### 1.3.1申请连接

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x80 |
| peerIp | uint32 | eg:value = 0xc0 0xa8 0x02 0x79 |

### 1.3.2map

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x81 |
| peerCount | uint8 | eg:value = 0x02 |
| peerIp(1) | uint32 |  |
| peerIp(2) | uint32 |  |
| peerIp(n) | uint32 |  |

注:不包含master自己

### 1.3.3心跳包

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x82 |
| peerIp | uint32 |  |

### 1.3.4申请信道

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x83 |
| peerIp | uint32 |  |
| flag | uint8 | value = 0x01 |

### 1.3.5申请结果

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x84 |
| flag | uint8 | value = 0x01 |
| result | uint8 | value(0.信道空闲 1.信道忙碌) |

### 1.3.6释放信道

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x85 |
| peerIp | uint32 |  |
| flag | uint8 | value = 0x02 |

### 1.3.7准备录音

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x86 |
| peerIp | uint32 |  |

### 1.3.8结束录音

|  |  |  |
| --- | --- | --- |
| opcode | uint8 | value = 0x87 |
| peerIp | uint32 |  |

# 2.配置文件json格式

文件绝对路径:/opt/config

{

"isMaster": false,

"ip": "192.168.2.10",

"mac": "1A-DC-85-B0-6B-7A",

"masterIp": "192.168.2.121",

//"port": "AR-BT",本属性注释掉

"gatewayAddress": "192.168.2.1",

"subnetMask": "255.255.255.0",

"switchAddress": "192.168.1.1"

}

文件绝对路径:/opt/map

[

{

"ip": "192.168.2.121",

"time": "2016-12-16 12:13:05"

},

{

"ip": "192.168.2.121",

"time": "2016-12-16 12:13:05"

},

{

"ip": "192.168.2.121",

"time": "2016-12-16 12:13:05"

}

]

注:

1.config->port:A/B 分别代表0x00端口和0x01端口,R/T分别代表读写.