VoIP 使用手册

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Juphoon
system software

简介

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- 视频参数设置说明
- 音视频通话数据统计检测

普通设置

●●●●● 中国联通 14:56 97%
设置
帐号
+8616000000485
303
添加帐号
常规
接通
快速拨号
铃声
八音盒
UDP后台运行
最近通话
所有联系人
拨号键盘
设置
Step 1：点击此区域

●●●●● 中国联通 14:54 96%
取消
新帐号
下一步
测试账号模式
帐号名
帐号名
Step 2：输入账号名进入下一步

普通设置

设置好用户名、密码、鉴权名、服务器地址、服务器域名、传输类型、服务器端口

设置注册类型为VoIP

音视频参数设置

可设置编解码或其他参数

Voice Parameters Intro

- Local Port, Remote Port: set local and remote transmission ports
- RTCP Mux: RTCP Port multiplexing
- Codec: select voice codec
- Payload: RTP payload value (not recommended to change)
- Bit rate: set bit rate (not recommended to change)
- Packet Length: set packet length (not recommended to change)
- AEC: acoustic echo canceller, including normal, OS, adaptive-FDE, adaptive-SDE, fixed delay mode

  FDE: formant delay estimate SDE: spectrum delay estimate
- ANS: auto noise suppression
- AGC: auto gain control
- VAD/DTX: voice activity detection and discrete transmission
- AGC Target(dB): AGC target value with -10dB by default

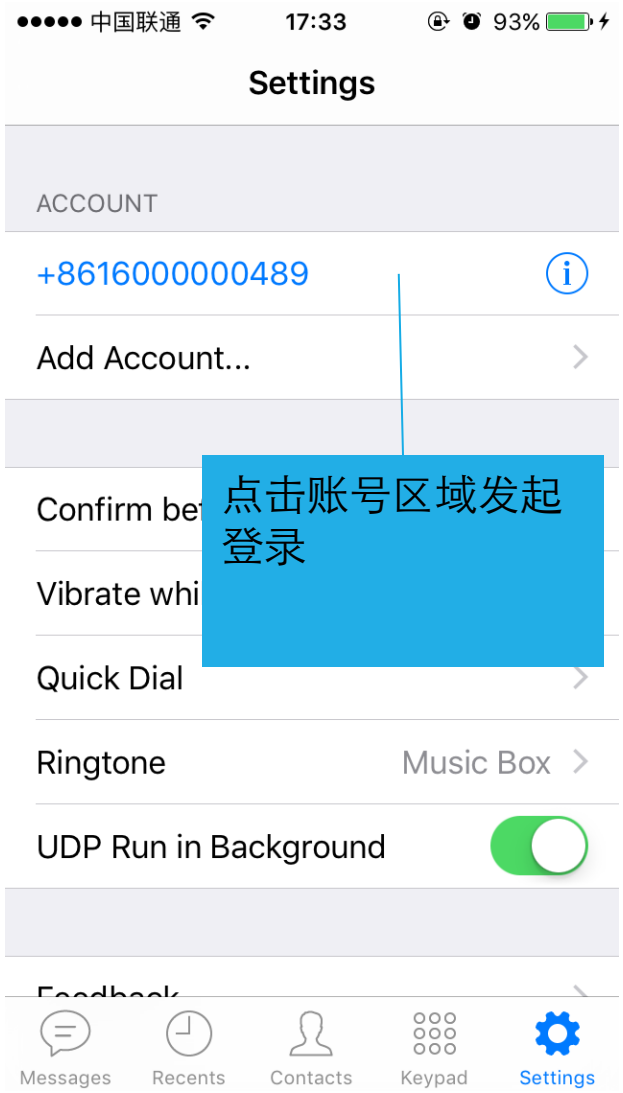
Video Parameters Intro

- Local Port, Remote Port: set local and remote transmission ports
- RTCP Mux: RTCP port multiplexing
- Codec: select video codec
- Payload: RTP payload value (not recommended to change)
- Bit rate: set bit rate
- Frame Length: set video frame rate
- Resolution: select video resolution
- Camera: select camera(front/back/off)
- ARS: auto rate sensing to make bit rate adaptive to network
- Resolution control: auto control resolution according to network
- Framerate control: auto control frame rate according to network
- Save mode: save network band width mode

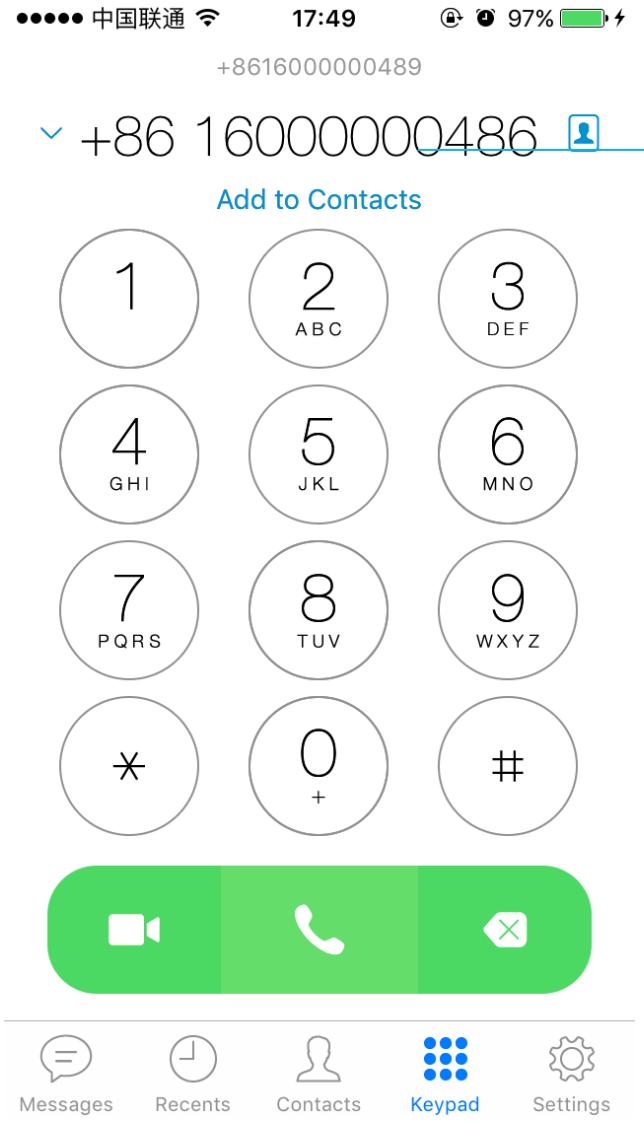
Video Parameters Intro

Transmission enhancement:

- Color Enhancement: close by default
- FEC/RED: forward error correction
- NACK: Negative Acknowledgement
- TMMBR: temporary maximum media stream bit rate request, need be used with ARS
- FIR: full intra request
- VP8 RPSI: reference picture selection for VP8 codec
- H.264 small nalu: small network abstract layer unit for H.264, which means a small nalu packet is less than a UDP packet
- Key Period: interval between two key frame, use values by default
- Render Mode: video render mode(surface/openGL ES 2.0)

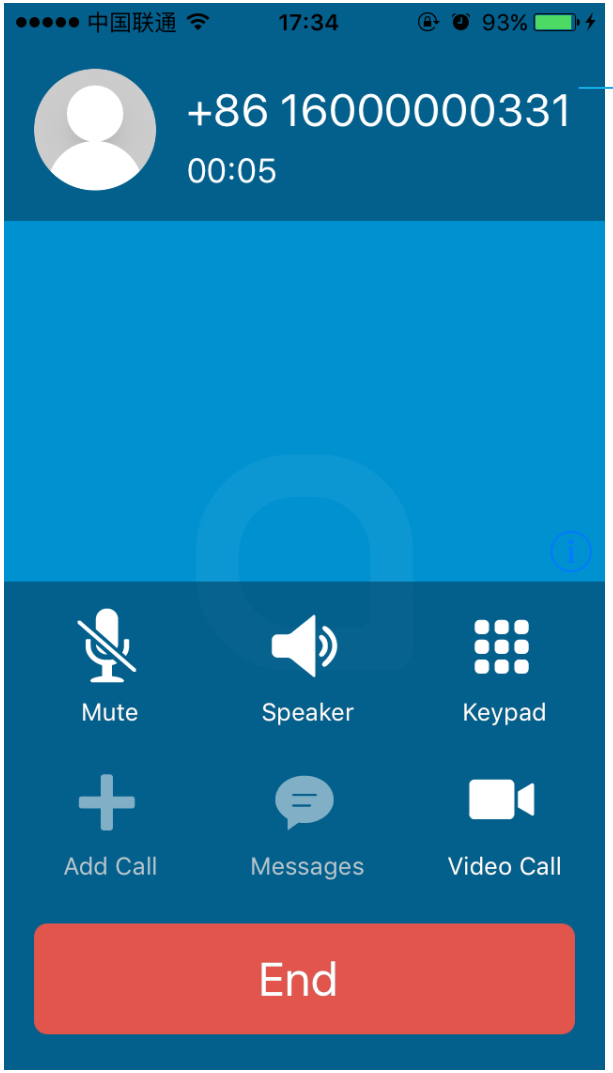

●●●●● 中国联通
17:33
93%
Settings
ACCOUNT
+8616000000489
Add Account...
Confirm be
Vibrate whi
Quick Dial
Ringtone
Music Box
UDP Run in Background
Messages
Recents
Contacts
Keypad
Settings

点击账号区域发起登录

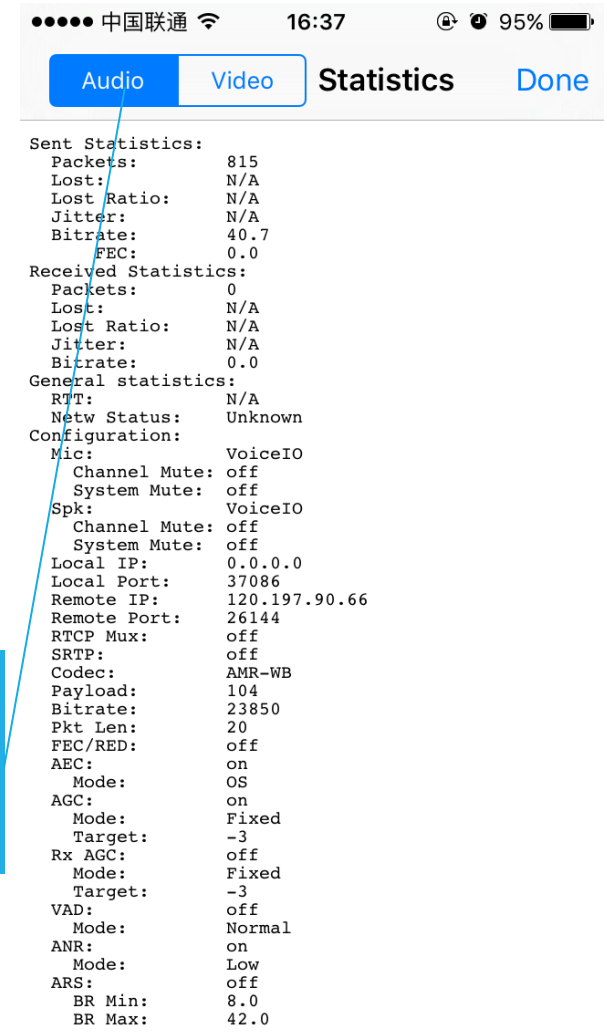


输入被叫号码，点击话筒按钮发起音频通话，点击摄像头按钮发起视频通话

音视频数据统计检测



点击该按钮查询通话数据，比如码率、丢包率、分辨率等



点击该按钮切换至语音数据说明界面

谢谢