InstaV2IP™ Mobile Solutions

Introducing InstaV2IP™ Mobile
for the Telechips™ Android Platform

InstaV2IP™ (pronounced "Insta-V-2-I-P") Mobile for the Telechips™ Android Platform from Unicoi Systems, Inc. is a video-enhanced V2IP (Voice and Video) software suite designed for standalone use or to be embedded into another application. InstaV2IP Mobile includes all of the trusted VoIP components from the InstaVoIP Embedded software suite like the Call Manager, Voice Engine, and Information Subsystem. But unlike InstaVoIP Embedded, InstaV2IP Mobile provides a full-featured Video Engine SDK providing developers with a comprehensive V2IP development solution for devices such as Video Phones, Video Callboxes, Softphone App with Video Support, Video Conferencing, and more.

Coming Soon: InstaV2IP Embedded

About InstaV2IP Mobile

A full binary SDK release allows InstaV2IP Mobile to be used on several Android based platforms from Telechips. The SDK comes ready to help the developer build a full featured video application using the Telechips platform as its base. Included in this SDK are highly optimized audio and video drivers that work specifically with the Telechips platform to avoid latency normally present within the Android OS. A demonstration application is also provided to show off the interface into the SDK. The demonstration application is a fully functional video phone utilizing SIP based VoIP.

Sample applications for InstaV2IP Mobile

- Video SoftPhone
- Desktop Video IP Phone
- V2IP Call Box/Door Entry Phone

Sample Application

Video Engine Features

- Codecs: H.264, H.263
- Configurable Video Frame Rate,
- Configurable Video Resolution,
- Dynamic Bitrate Configuration,
- A/V sync,
- Video Snapshot,
- Video Privacy (transmit image from file),
- Video Statistics,
- Media File (A/V) recording,
- Error recovery (FIR, etc),
- Video Jitter Buffer,
- IPv6 support

Sample Application Details

Video SoftPhone
InstaV2IP Mobile for the Telechips Android Platform can easily be made into a standalone Video SoftPhone application.

Desktop Video IP Phone
InstaV2IP Mobile for the Telechips Android Platform can be used to create enterprise-ready desktop phones that interoperate with the most popular PBX solutions in the market.

V2IP Call Box/Door Entry Phone
The InstaV2IP Mobile for the Telechips Android Platform User Interface API supports simple and highly differentiated user interfaces from a Call Box with its simpler "press this button in case of emergency" interface to highly POS kiosks and industrial control panels.