AP-HCC1000 Full HD Video Conference Codec

AP-HCC1000 two channel Full HD video codec supports RCA interface, (Y, Cr, Cb) component interface for the connection of HDTV/Projector, and HDMI concurrently for the purpose of Full HD (1920X1080). User may setup call dialing through FXS port or call through remote controller on TV screen or web based smart communication controller and setup video conferencing devices easily. AddPac AP-HCC1000 Full HD video conferencing codec is designed on the basis of DSP hardware structure to provide real time audio/video encoding, decoding process for point-to-point video conferencing. It supports central process form of centralization system for 1:N multi-party video conferencing by interworking with AddPac external MCU device. AP-HCC1000 Full HD video codec system supports various types of video conference mode through external MCU interworking function. It supports Meet-Me (Dial-In), Ad-Hoc (On-Demand) and scheduled video conference method.

AP-HCC1000 supports SIP and H.323 VoIP signaling for 1:N multi-party video conferencing and 1:1 video conferencing. AP-HCC1000 Full HD video conferencing codec processes 1080i (1920X1080) images per second based on H.264 video compressed codec. Thus, user may feel High Definition image through HDTV display screen. AP-HCC1000 supports Full HD broadcasting and document sharing service through second video interface, document sharing concurrently with H.264 video compressed codec. For instance, it supports real time document sharing function based on H.264 video compressed codec with separate TV screen through second channel. To support desktop PC and notebook, it supports HDMI, RGB input interface as well as HD-SDI broadcasting camera interface for HD-SDI broadcasting camera. AP-HCC1000 high performance DSP is all programmable structure so that constant feature improvement, feature edit, and additional feature can be done without much effort. User may use the latest codec with service as well as existing H.264 codec. AP-HCC1000 supports both network security for the purpose of device access restriction and service security. Use CID (caller ID) function to check the other party's phone number before answering and blocking video/audio feature using remote controller. When selecting "Privacy" menu, you may block voice, video, or both in advance. Also, it supports Secure RTP (AES encryption algorithm) feature to support security function for conferencing in network. AddPac VoIP and video solutions are well known in terms of its performance and stability throughout the world. With our accumulated experience in both enterprise market and communication market, AP-HCC1000 would satisfy the needs of customer.

Major Feature

Overall Features

> IP based Video Conference Solution
> High-End Full HD Video Conference Codec Features
> Two(2)-Channel Full HD Video Conference Codec
> External Full HD Video Conference Camera (ex: AP-HDC100)
  -CMOS Sensor, 2Mega Pixel Camera
  -Various Video Format Support (ex;1080i/59.94)
  -PAN/TILT/Zoom Housing Features
  -Optical 10 x Zoom, Digital 12 x Zoom Camera
  -Built-in Wide Angle Lens for Video Conference
> External Acoustic Echo Canceller Microphone (AP-MP100)
> High-performance Video, Audio, and Voice Service
> Flexible Videoconferencing Deployment
> Firmware Upgradeable Architecture
> Video Solution with Outstanding Network Service Capability
> Audio/Video Privacy Protection

AP-HCC1000 Service Table

Service	Service Description	External Device
Video Conferencing(First Channel)	-Real time video conferencing, connect with external PTZ video conferencing camera/microphone/speaker, multimedia communication through display TV	· External PTZ Full HD Video Conferencing Camera · External Microphone/Speaker · TV Display
Audio/Video Broadcasting,Document Sharing(Second Channel)	-Use it as video broadcasting service terminal along with existing audio broadcasting in finance, local government, and enterprise. Separate AddPac broadcasting server must be added. -Support 1:1 broadcasting function -PC/Notebook transmit/receive using HDMI interface, -HD-SDI broadcasting interface feature (broadcasting camera, blue ray player)	·External Microphone/Speaker ·TV Display ·Audio/Video Broadcasting Server ·Audio/Video Contents Source ·HDMI based PC/Notebook ·HD-SDI based Broadcasting Camera/Contents Accessibility

Network Diagram
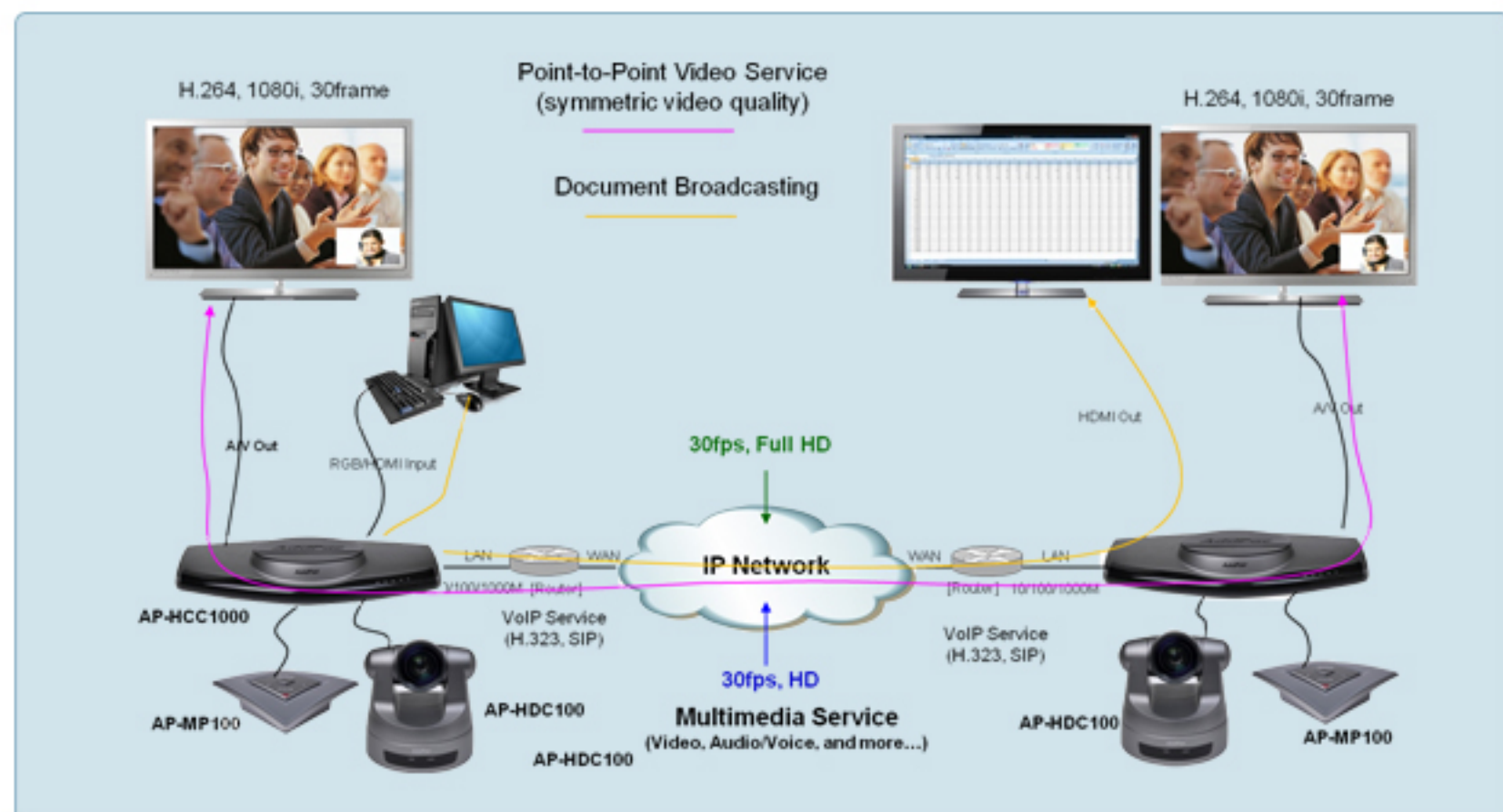
AddPac Technology Co,.Ltd.

AddPac Texhnology (Korea-Head Office)

Phone   +8225683848
Email   sales@addpac.com