AP-HCC500 Full HD Video Conference Codec

AP-HCC500 Full HD video conferencing codec is an all-in-one high performance IP video communication solution that supports video input interface for external Full HD camera as well as various video output interface. It supports one channel video interfaces for face-to-face video conferencing with external Full HD camera. It is designed on the basis of high performance DSP processor to support the latest audio/video codec, various AV input/output interfaces for video conferencing. This can be connected with external PTZ full HD camera, HDTV, speaker and microphone. It is applicable to various fields such as audio/video broadcasting as well as video conferencing. AP-HCC500 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-HCC500 Full HD video conferencing codec is designed on the basis of embedded 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-HCC500 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-HCC500 supports SIP and H.323 VoIP signaling for 1:N multi-party video conferencing and 1:1 video conferencing. AP-HCC500 Full HD video conferencing codec processes 1080p30 (1920X1080) images per second based on H.264 video compressed codec. Thus, user may feel High Definition image through HDTV display screen. AP-HCC500 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-HCC500 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-HCC500 would satisfy the needs of customer.
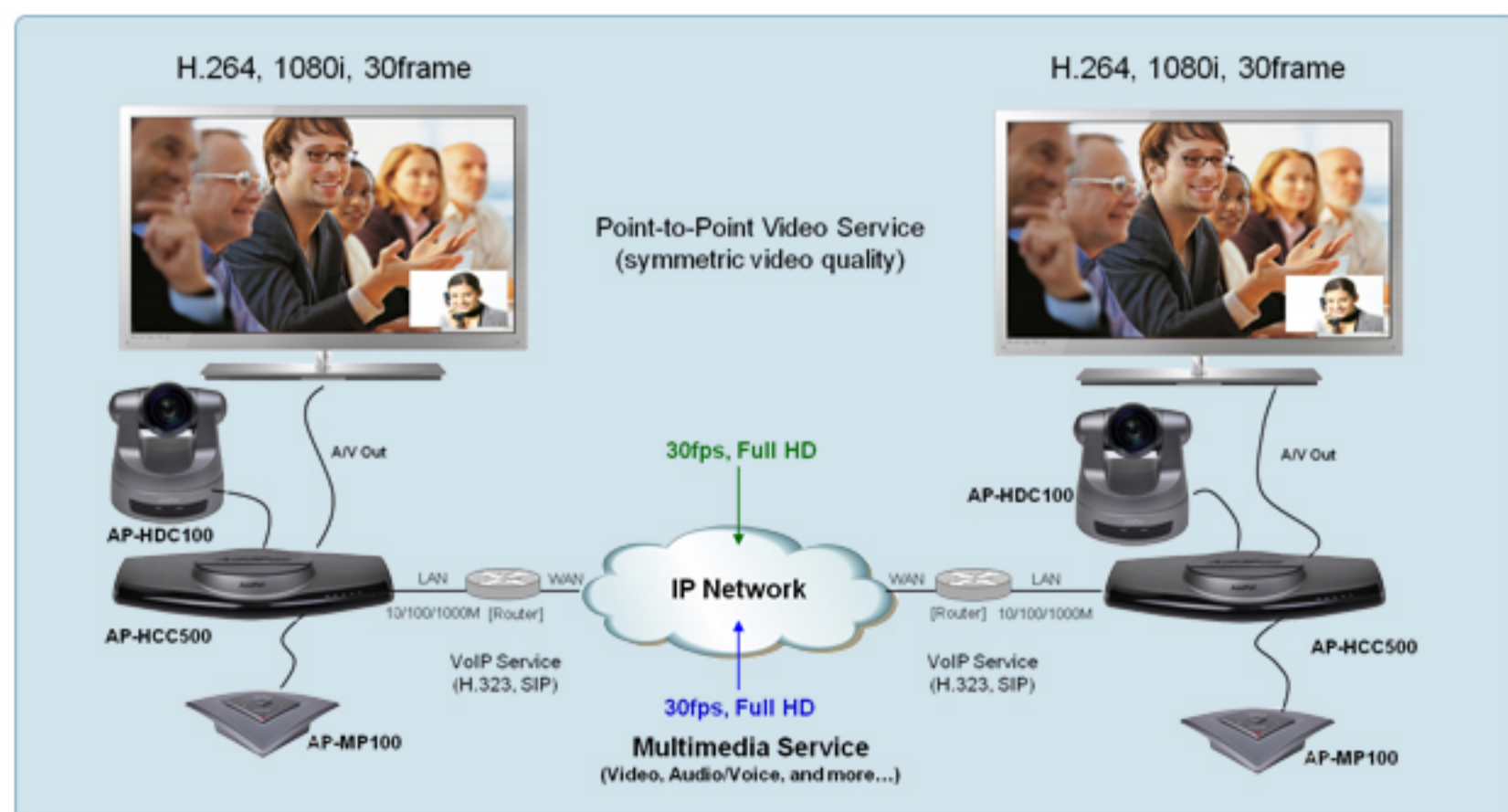
Major Feature

Overall Features

> IP based Video Conference Solution
> High-End Full HD Video Conference Codec Features
> Single 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-HCC500 Service Table

Service	Service Description	External Device
Video Conferencing	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	Use as video broadcasting service terminal along with existing audio broadcasting in finance, local government, and enterprise environment. Must add separate AddPac broadcasting server	· External Microphone/Speaker · TV Display · Audio/Video Broadcasting Server · Audio/Video Contents Source

Network Diagram

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