

AP-HVC300 Full HD Video Conference Equipment



AP-HVC300 Full HD video conferencing device is an all-in-one high performance IP video communication solution that supports HD camera as well as video output interface. It is designed on the basis of high performance DSP processor to support the latest audio/video codec, various AV input/output interfaces for broadcasting as well as video conferencing. AddPac AP-HVC300 Full HD video conferencing device breaks the mold of existing video solution. This can be connected with TV and speaker. It is applicable to various fields such as audio/video broadcasting as well as video conferencing. AP-HVC300 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 and setup video-conferencing devices easily. AddPac AP-HVC300 HD conferencing device 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 conferencing by interworking with AddPac MCU device. AP-HVC300 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. VoIP signaling for MCU conferencing and 1:1 conferencing supports SIP and H.323. AP-HVC300 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-HVC300 HD video codec processes 30 frames of 1080i (1920 x 1080) video images per second based on H.264 (MPEG-4 Part10) video compressed codec standard. User may feel the crystal clear image resolution through HDTV display screen on this account. Also, AP-HVC300 supports video compressed codec such as MPEG-4 for document conference concurrently so that it could support both video communication and document sharing function. For instance, user may use the MPEG-4 video compressed codec based real time document sharing function through Dual Monitor Emulation during H.264 based video conferencing. Under the same condition, user may not feel the significant differences of audio quality. AP-HVC300 is a highly advanced product in terms of its audio service aspect. AP-HVC300 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 recognized in terms of its performance and stability throughout the world. With our accumulated experience in both enterprise market and communication market, AP-HVC300 would satisfy the needs of customer.

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Major Feature

Overall Features

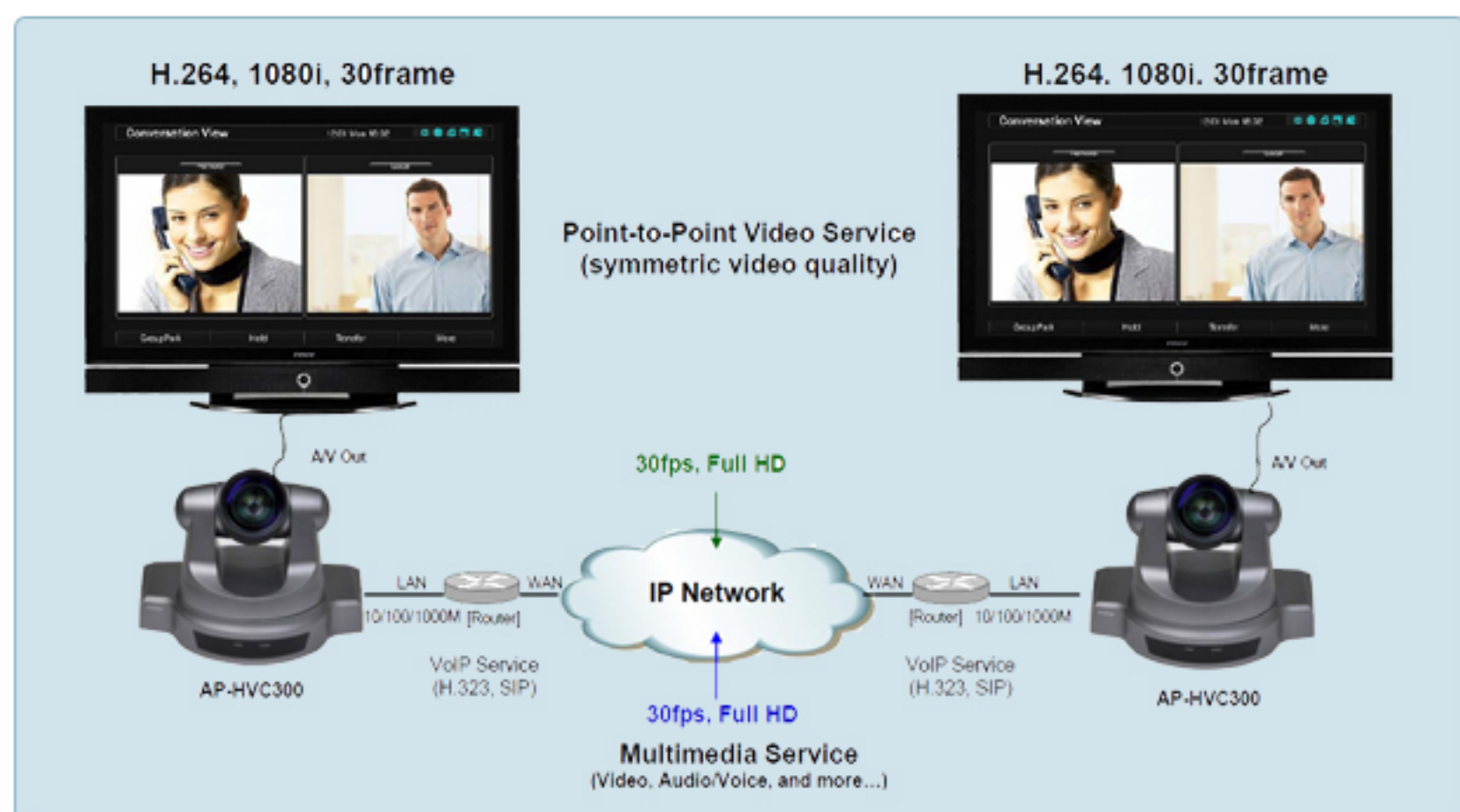
- > IP based Video Conference Solution
- > High-End Full HD Video Camera Features
- > CMOS Sensor, 2Mega Pixel Camera
- > Various Video Format Support (ex;1080i/59.94)
- > PAN/TILT/Zoom Housing Features
- > Optical 10 x Zoom, Digital 12 x Zoom Camera
- > Built-in Wide Angle Lens for Video Conference
- > 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-HVC300 Service Table

Service	Service Description	Required Device
Video Conferencing	video conferencing through other party's real time video image, connect with external microphone, multimedia communication through display TV.	- 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 - Audi/Video Contents Source

Network Diagram



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