

AP-HVC1000 Full HD Video Conference Equipment



AP-HVC1000 Full HD video conferencing device is an all-in-one high performance IP video communication solution that supports Full HD camera as well as various video output interface. It supports two channel video interfaces; first channel provides Face-to-Face video conferencing with built-in Full HD camera and second channel provides various video transmit/receive function such as PC screen transmission, content transmission, and real time broadcasting. 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-HVC1000 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-HVC1000 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 and setup video conferencing devices easily. AddPac AP-HVC1000 Full 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-HVC1000 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-HVC1000 HD video codec processes 1080i (1920X1080) images per second based on H.264 (MPEG-4 Part10) video compressed codec. Thus, user may feel the crystal clear images of resolution through HDTV display screen. AP-HVC1000 supports HD broadcasting and document conference through second video interface and supports video communication, 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-HVC1000 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. Under the same condition, user may not feel the significant differences of audio quality. AP-HVC1000 is a highly advanced product in terms of its audio service aspect. AP-HVC1000 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-HVC1000 would satisfy the needs of customer.

Major Feature

Overall Features

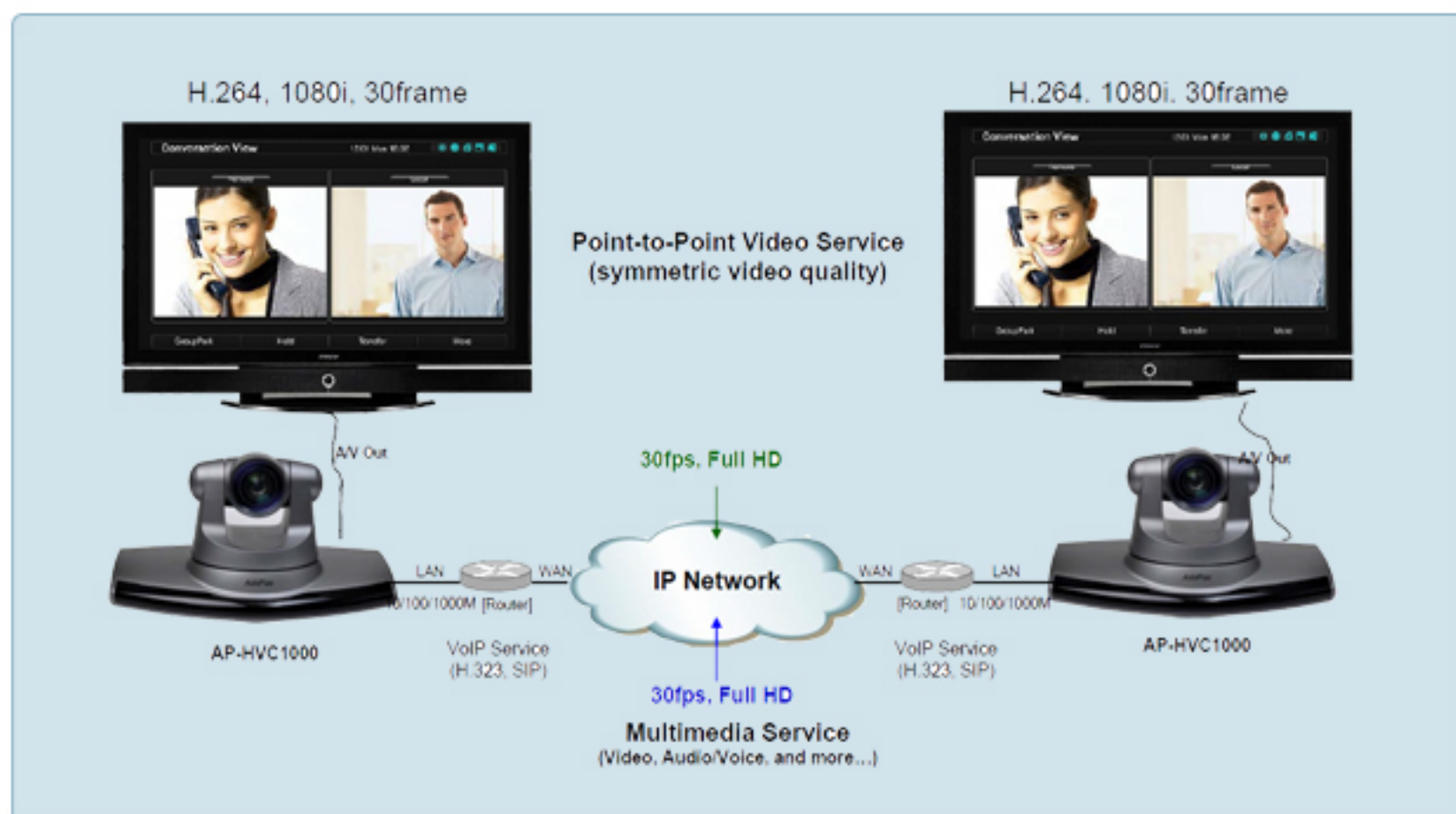
- IP based Video Conference Solution
- High-End Full HD Video Camera Features
- CMOS Sensor, 2Mega Pixel Camera
- Various Video Format Support (ex;1080i/59.94)
- PAN/TILT/Zoom Housing Features
- Optical 10 x Zoom, Digital 12 x Zoom Camera
- Built-in Wide Angle Lens for Video Conference
- Two(2) Channel Video Interface
- Second Video Interface for Document Sharing, Camera, etc
- 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-HVC1000 Service Table

Service	Service Description	External Device
Conferencing (First Channel)	-Real time video conferencing, connect with external microphone/speaker, multimedia communication through display TV	-External Microphone/Speaker - TV Display
Audio/Video Conferencing (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 Serve -Audio/Video Contents Source -HDMI based PC/Notebook -HD-SDI based Broadcasting Camera/Contents Accessibility

Network Diagram



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