

Video Conference AEC MIC Solution



AddPac Technology's microphone for video conference is designed to provide acoustic echo cancellation microphone service for video conference, video telephony service. Especially AP-MP100 is the first released acoustic echo cancelling microphone for video conference. Main hardware features of AP-MP100 microphone are DSP based Echo Cancellation Chip, VAD (Voice Activity Detect) LEDs, Mute Button and Mute Indication LED (red color blinking), Microphone Power ON/OFF switch and Power Indication LAMP, etc. This product can be used as an external microphone of various audio/video devices such as a video conference system, video phone equipment, and is one of key products among total video telephony solution of AddPac Technology. AP-MP100 microphone allows you to make high quality hand-free audio microphone and easy interface with video phone, video conferencing system, desktop PC, note book PC under various environment

like as embedded based A/V conferencing, desktop A/V conferencing, web based A/V conferencing. Designed on the foundation of AddPac's field proven voice & video processing technology, AP-MP100 microphone provides the high quality acoustic echo canceling service feature. AP-MP100 microphone covers 360 degree and is designed to detect audio signal incoming from 360 degree service coverage. To give information a user that audio signal is incoming, the detected audio signal from DSP is used to turn on/off yellow color LED. Microphone type like as AP-MP100 can be used in small and medium size A/V meeting room usually.

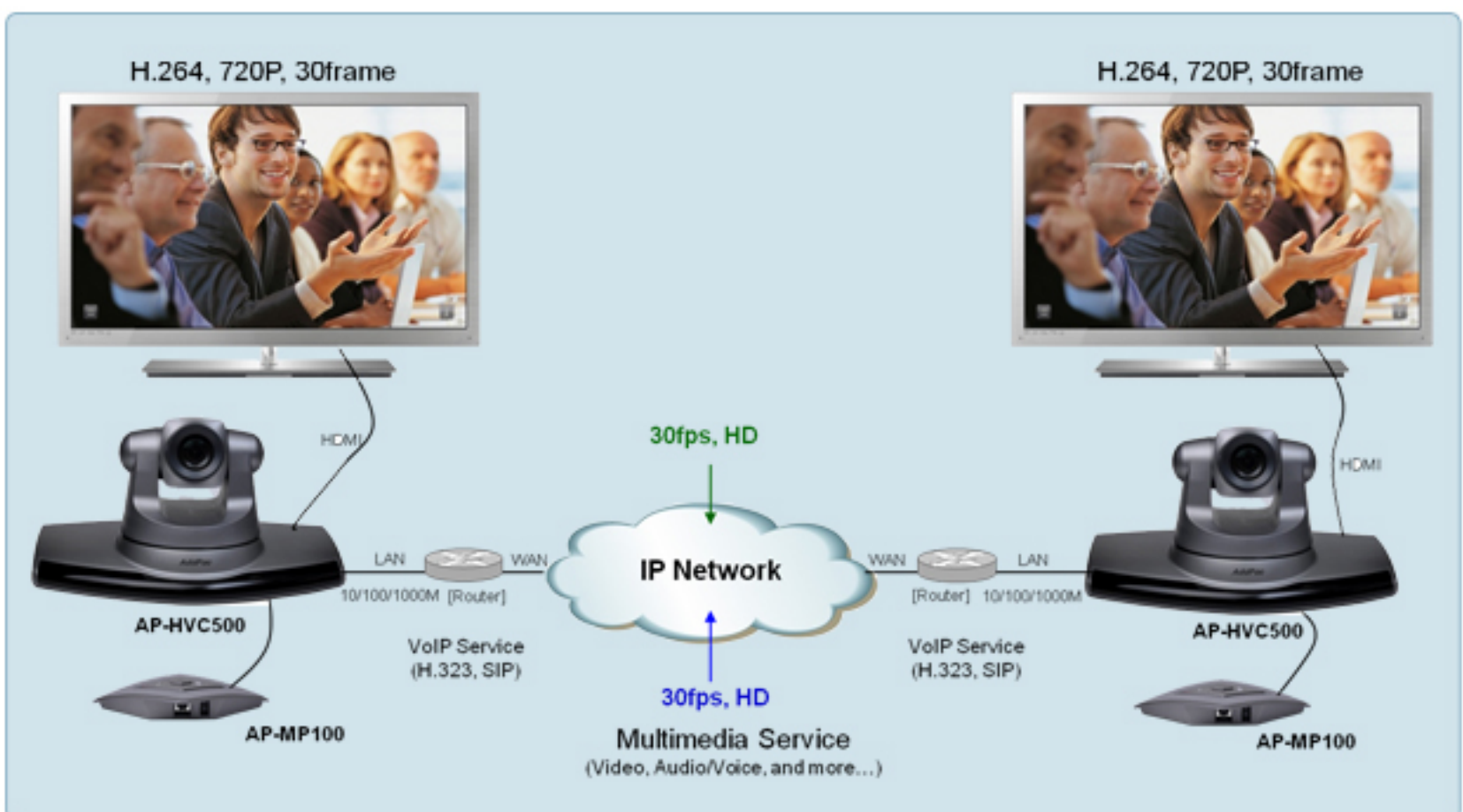
Major Feature

Overall Features

- › Acoustic Echo Canceller Micro Phone Solution for Video Conference
- › Wide band(16bits, 16kHz sampling) operation
- › Support CNG(comport noise generation) to generate white noise
- › Support double talk
- › Noise reduction algorithm
- › Support HDMI speaker mode & analog speaker mode
- › S/W upgrade by y-modem protocol via RS232C
- › Support CLI(Command Line Interface) to configure AEC parameters
- › Voice Activity Detection
- › Mute button
- › Status LED (Mute, Active)
- › Compact Design & Die Casting
- › Power On/Off Switch



Network Diagram



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