AP-MP100

Acoustic Echo Canceller Micro Phone

AEC Microphone solution for Video Conference Systems

Preliminary Product Overview

(Without notice, following described technical spec. can be changed)

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AddPac Technology

Sales and Marketing

Contents

- Product Overview
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Product Overview

- 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
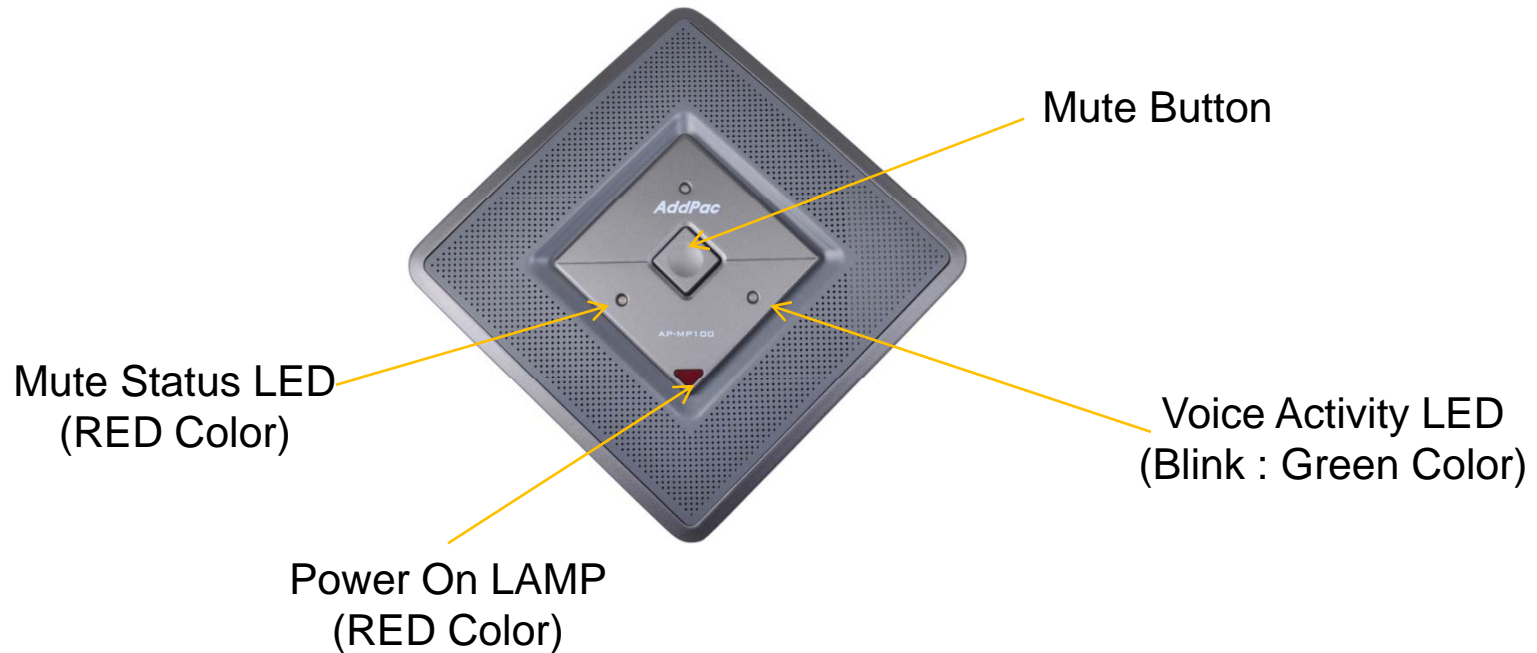- Power On/Off Switch

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Hardware Specification

- DSP based Acoustic Echo Canceller Hardware Architecture
- Status LED (Mute, Active)
- Audio Mute Key Support
- RS232C based Firmware Upgrade Architecture
- Compact Design & Die Casting
- Power On/Off Switch
- MIC Interface
  - Power Input
  - Audio Output

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Hardware Specification
AP-MP100 AEC Micro Phone

Mute Button

Mute Status LED
(RED Color)

Voice Activity LED
(Blink : Green Color)

Power On LAMP
(RED Color)

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www.addpac.com

Hardware Specification

AP-MP100 AEC Micro Phone

Audio Out & Power In
Connector

Power On/Off Switch

RS232C Port for Firmware Upgrade

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AP-MP100 AEC Micro Phone

Application Area

- Video Telephony
- Video Conference

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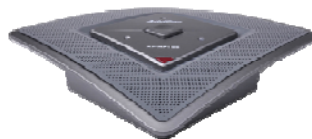
Video Telephony Application
AP-MP100 AEC Micro Phone

Point-to-Point Video Service
(symmetric video quality)

30fps, VGA

IP Network

LAN

WAN

WAN

LAN

10/100M   [Router]

[Router]   10/100M

VoIP Service
(H.323, SIP)

VoIP Service
(H.323, SIP)

Analog Interface

Analog Interface

30fps, VGA

Multimedia Service
(Video, Audio/Voice, and more…)

AP-MP100

AP-MP100

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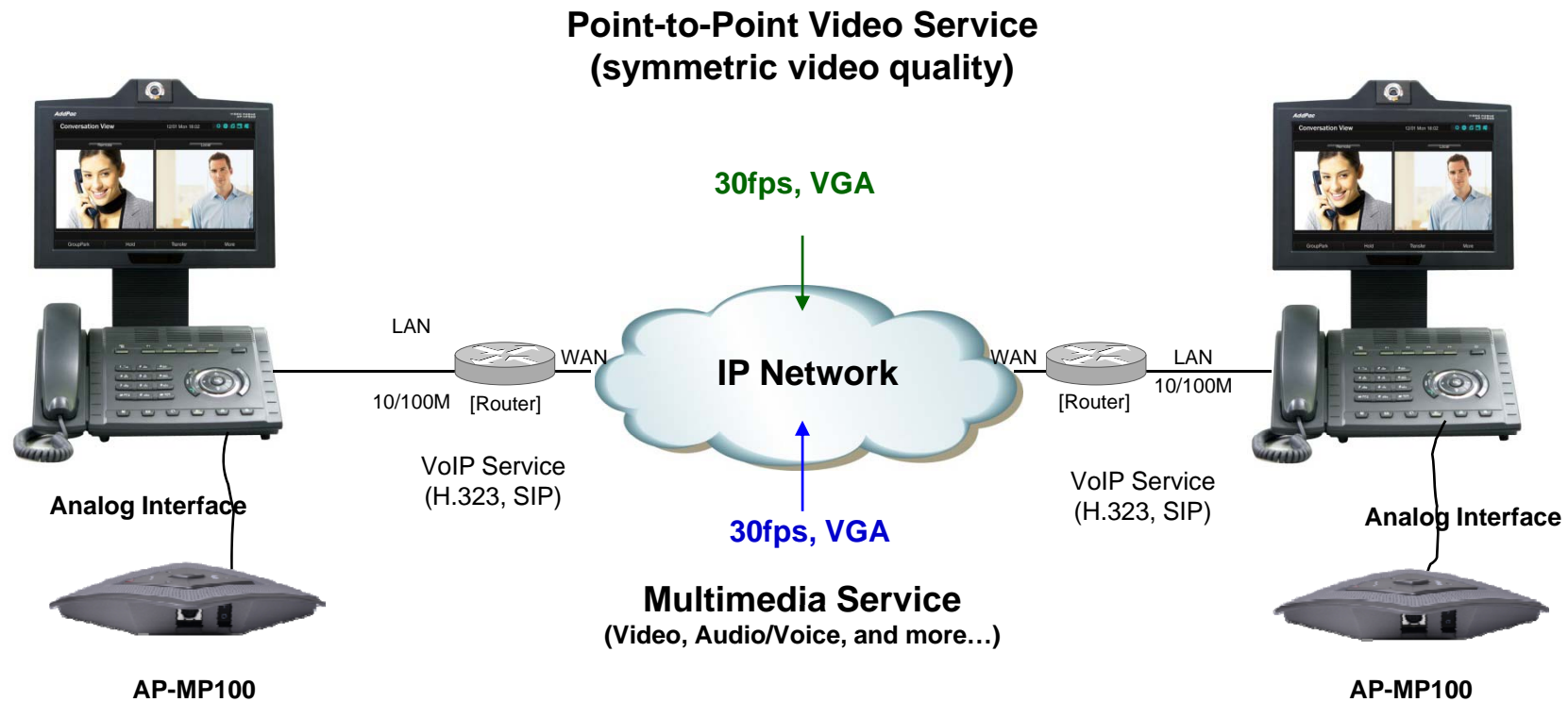
Video Conference

AP-MP100 AEC Micro Phone

H.264, 720P, 30frame   H.264, 720P, 30frame

Point-to-Point Video Service
(symmetric video quality)

HDMI   HDMI

30fps, HD

IP Network

LAN [Router] WAN   WAN [Router] LAN

10/100/1000M   10/100/1000M

AP-HVC500   AP-HVC500

VoIP Service   VoIP Service
(H.323, SIP)   (H.323, SIP)

30fps, HD

AP-MP100   AP-MP100

Multimedia Service
(Video, Audio/Voice, and more…)

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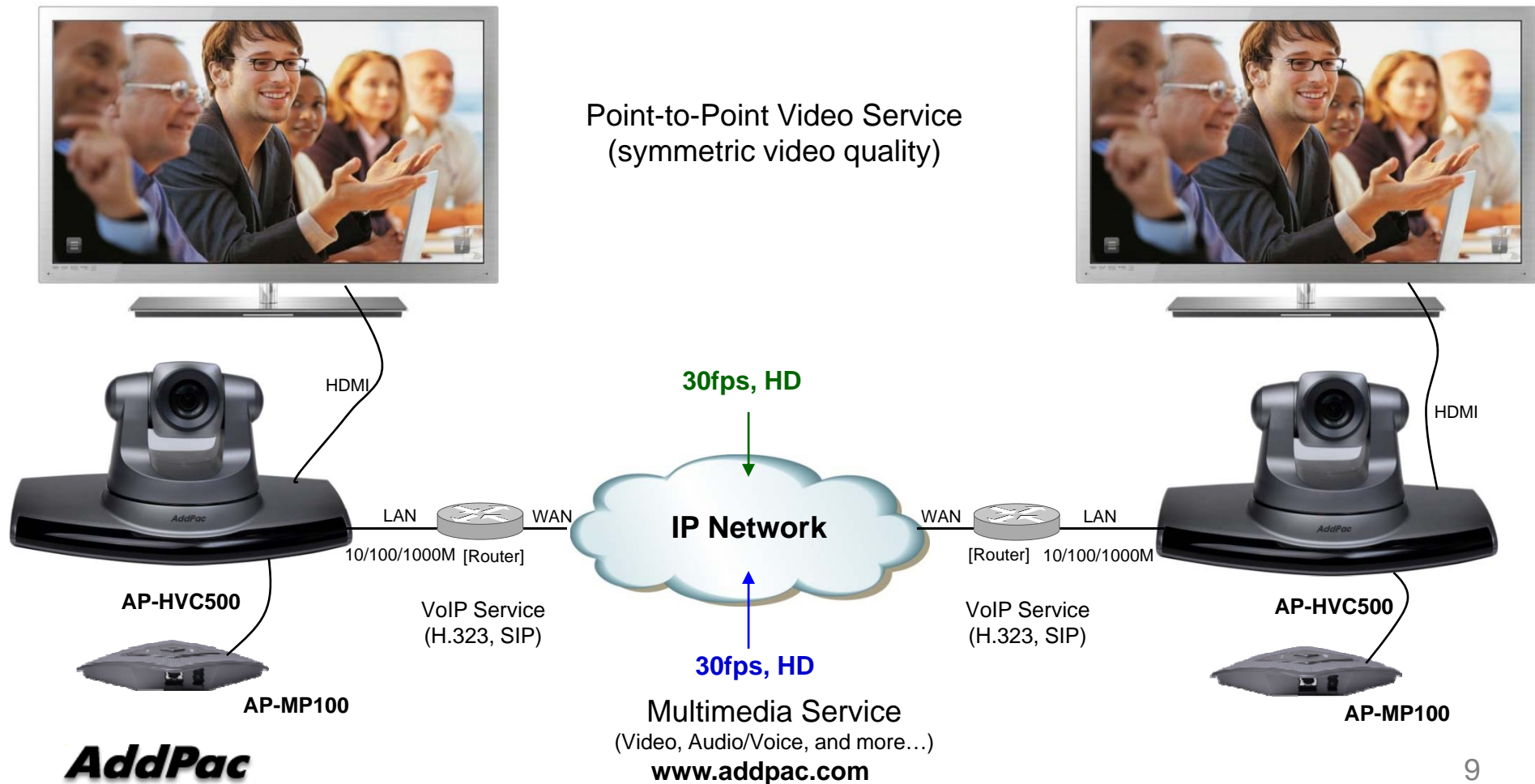
Ordering Information

- AP-MP100 Hardware
  - AP-MP100 AEC Micro Phone Main Body
  - Including Network, Mic. Cable Set & Ext. Power Supply, etc.
- Built-in APOS Internetworking Software for AP-MP100
- Including 1 Year Hardware Warranty
- Product Documents
  - Install and Operation Guide (PDF)
- Pricing
  - AddPac Technology Regional Sales Manager
  - Authorized Sales and Marketing Representatives
  - Please Contact www.addpac.com

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Thank you!

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