

# AP-SVC500™ SD Video Conference Equipment

High Performance SD Video Conference Solution



## Preliminary Product Overview

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

**AddPac**

**AddPac Technology**

2012, Sales and Marketing

[www.addpac.com](http://www.addpac.com)

# Contents

- Product Overview
- Benefits and Features
- Hardware Specification
- Multimedia Service
- Software Service
- Network Service and Features
- OSD Software Features
- Application Area
- Ordering Information

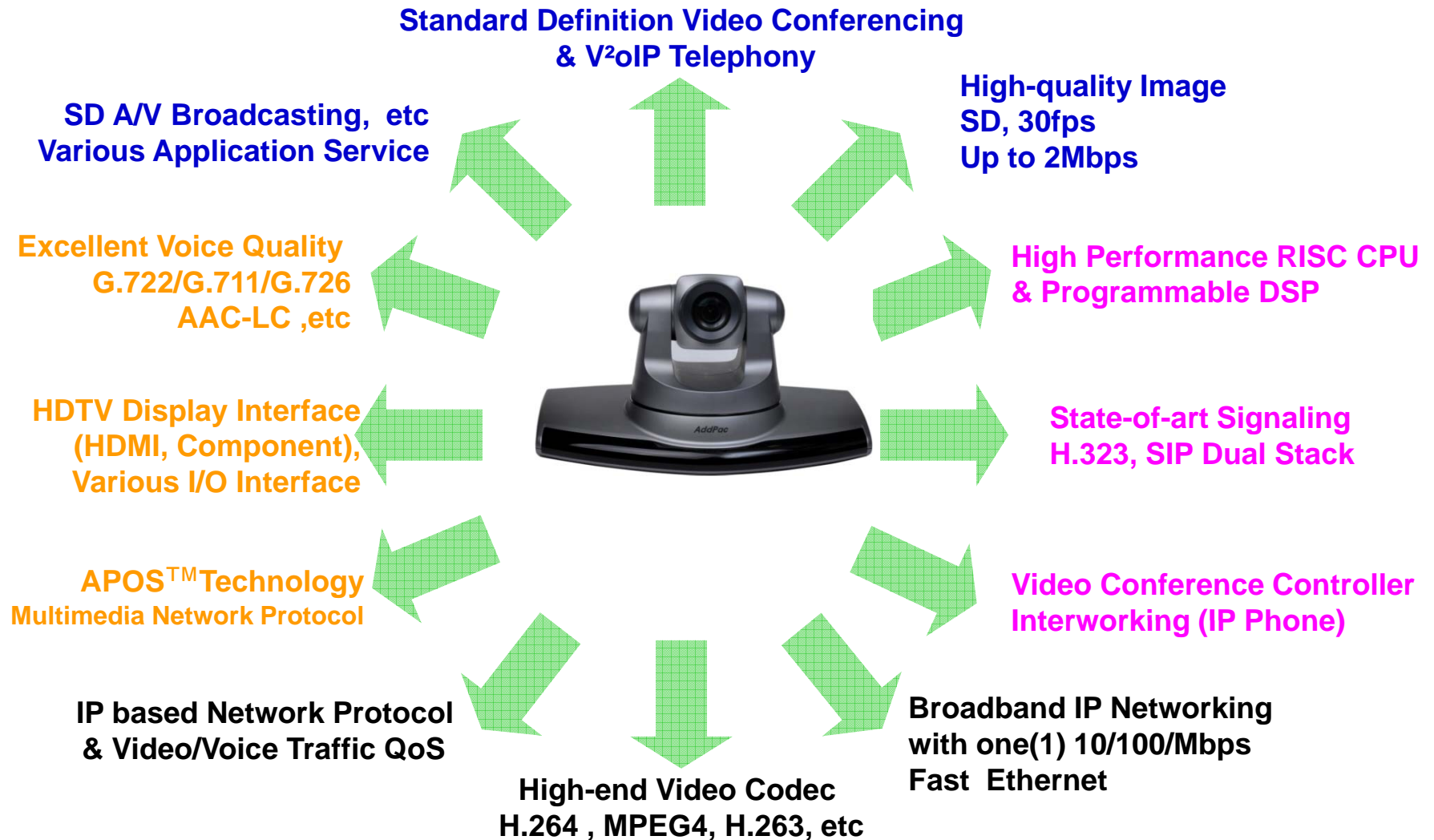
# Product Overview

## AP-SVC500 SD Video Conference Equipment

- IP based Video Conference Solution
- Built-In Camera Support
- High-End SD Video Camera Features
- CCD Camera Sensor
- PAN/TILT/Zoom Housing Features
- Optical 37 x Zoom Support
- H.263, MPEG4, H.264 Video Codec Support
- H.323, SIP VoIP Signaling Support
- High-performance Video, Audio, and Voice Service
- Flexible Videoconferencing Deployment
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

# Product Highlights

AP-SVC500 SD Video Conference Equipment

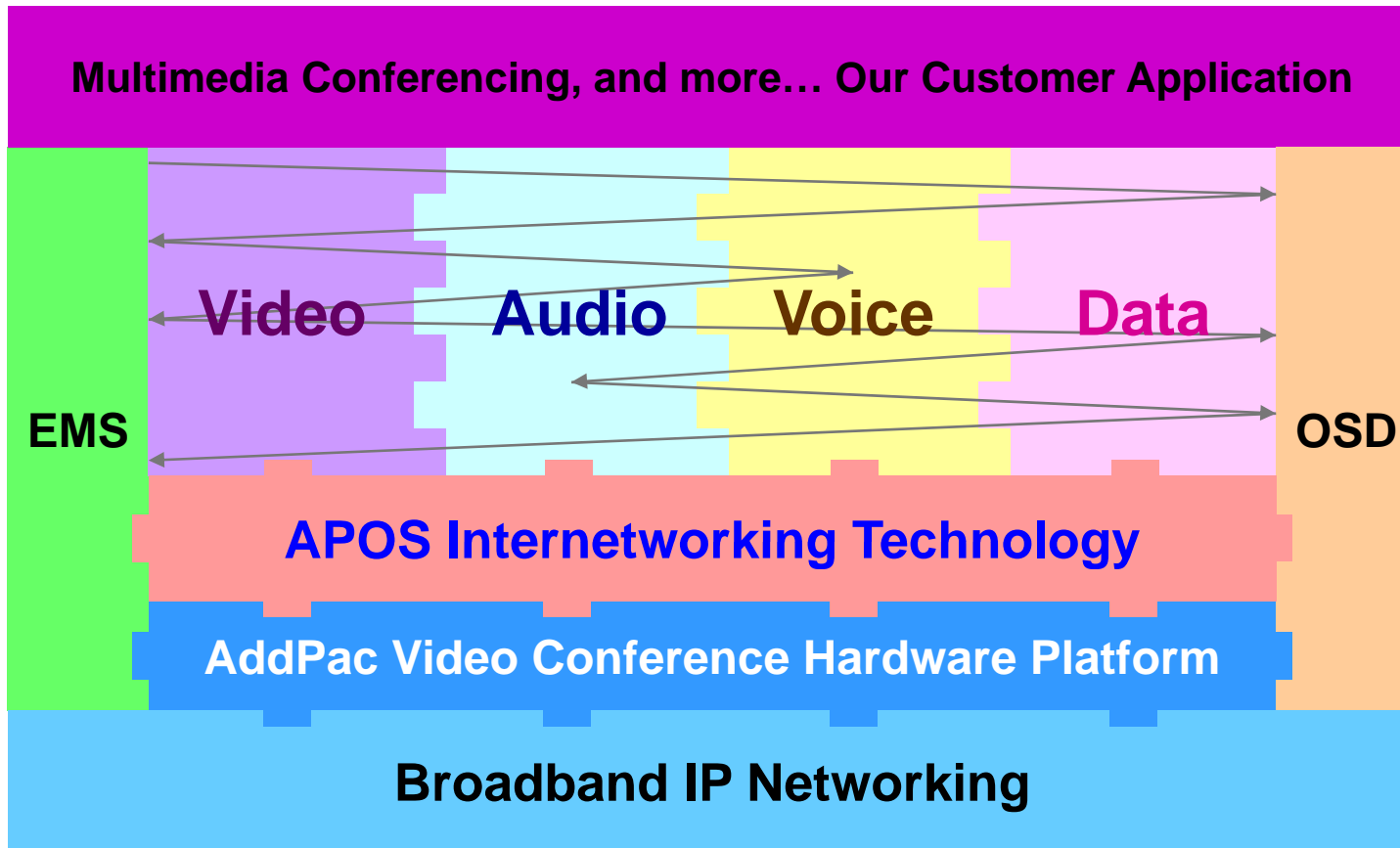


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# Multimedia Service

AP-SVC500 SD Video Conference Equipment



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

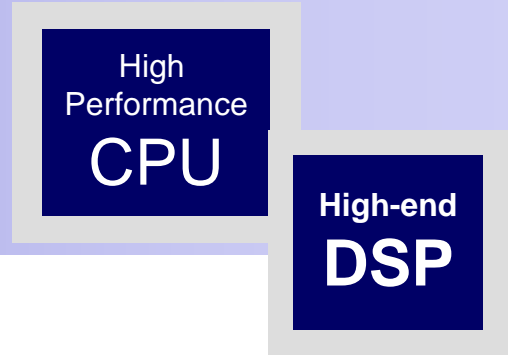
# Benefits and Features

## AP-SVC500 SD Video Conference Equipment

- Various Video Input/Output Interface
  - Composite (RCA) , Component (Y, Pb, Pr), HDMI
- High-performance Video Codec Support
  - H.264, MPEG4, H.263, etc
- Powerful Image Resolution Support
  - CIF(352x288), QVGA(320x240), HVGA(640x240), VGA(640x480), 4CIF(704x576)
- Up to 30fps with SD-Resolution(H.264)
- Video Conference Call Support (External MCU)
- SIP, H.323 Signaling Support
- Rate Control for Video Traffic QoS
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth
- High-end Error Resilient Against Various Packet Error

# Hardware Specification

AP-SVC500 SD Video Conference Equipment



- High Performance RISC Computing Power
- High-end Programmable DSP Hardware Architecture
- Video I/O Interface

Video Input	Built-In SD Video Camera or External Composite RCA
Video Output	Composite RCA, Component , HDMI
Audio Input	Stereo RCA Type Audio Input
Audio Output	RCA Type Audio Output (Left, Right)
PTZ Control	RS-232C Pan/Tilt/Zoom Control Interface

# Hardware Specification

## AP-SVC500 SD Video Conference Equipment

High  
Performance  
CPU

High-end  
DSP

- Camera Specification
  - ¼ Inch, Super HAD Color CCD
  - NTSC : 768(H) x 494(V), PAL : 752(H) x 583 (V)
  - Auto Focus 37 x Optical Zoom
  - PELCO-D Control Protocol
  - Preset
- Network Interface
  - One(1) 10/100Mbps Fast Ethernet(RJ45)
  - One(1) RS-232C Interface (RJ45) for Console
- USB Interface
  - USB 2.0 Interface for Mouse, etc
- Voice Interface
  - FXS Interface for Analog Phone, Analog Conference Phone, etc
- External Power Input Connector
- Power On/Off Switch



# Hardware Specification

AP-SVC500 SD Video Conference Equipment

High  
Performance  
CPU

High-end  
DSP



SD Camera

IR Sensor & Status Indication Area

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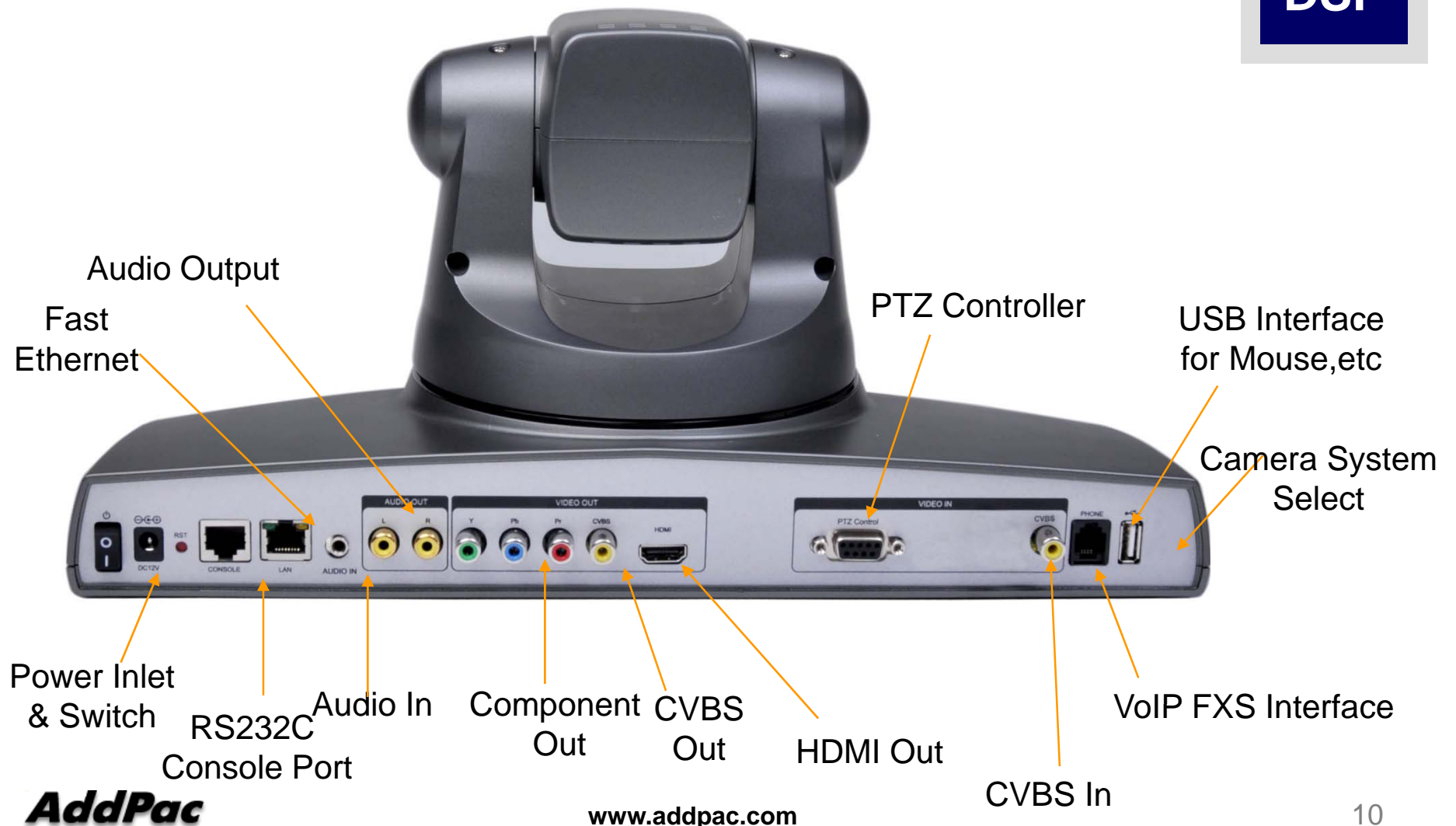
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# Hardware Specification

AP-SVC500 SD Video Conference Equipment

High Performance  
**CPU**

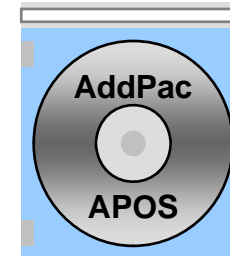
High-end  
**DSP**



# Software Service

## AP-SVC500 SD Video Conference Equipment

- Built-in APOS Internetworking Software
  - Scalability, Functionality, and Stability Features
  - Video Traffic QoS Control
- Programmable Video, Audio, and Voice Services
  - Video Codes, Audio, and Voice Codec
- Firmware Upgradeable Architecture
- OSD (On-screen Display) Function Support
- Industry Standard IP based Network Protocol Features



# Network Service and Features

## AP-SVC500 SD Video Conference Equipment

- **Basic Routing**
  - Static Routing (IPv4)
  - Static / DHCP / PPPoE
  - VRRP (Virtual Redundancy Routing Protocol)
- **Network Management**
  - SNMPv2/SNMPv3 Support
  - Standard & Enterprise SNMP MIB Support
  - Web Based Management using HTTP/HTTPS
  - Console / Telnet / Rlogin / SSH Interface
- **Security Function**
  - Standard & Extended IP Access List
  - HTTPS / SSH Interface
  - Auto-disconnect Telnet/Console Session
  - Access Control for Local Service (FTP/Telnet/HTTP.)
  - Enable/Disable Network Services
  - Multi-Level User Account Management

# Network Service and Features

## AP-SVC500 SD Video Conference Equipment

- Operation & Management
  - Configuration Backup & Restore for APOS Managements
  - Use Multiple APOS™ and Configuration
  - Auto Upgrade via HTTP/HTTPS
  - Debugging, System Auditing, and Diagnostics Support
  - FTP/TFTP/Telnet/SSH Server and Client
  - HTTP Server
  - Remote logging using Syslog
  - Local System Logging (Local HDD model)
  - RADIUS Authentication / Account
- Other Scalability Features
  - Network time Protocol (NTP) Support
  - Cisco Style Command Line Interface (CLI)
  - DHCP Server & Relay Functions
  - DNS Server

# OSD Software Features

AP-SVC500 SD Video Conference Equipment

**Conversation View** 12/01 Mon 18:02

Remote Local

GroupPark Hold Transfer More

Phonebook Tool Box AV Setup

Network & Call Applications Remote Setup

Volume Display Video Codec Audio Codec Bandwidth

**Speed Dial** 12/01 Mon 18:02

1	Tom	2	Michael
2	John	4	Daniel
5	Brown	6	Wilson
7	Rachel	8	James

John Mayer

011-456-7890 MPEG-4

172.16.39.20 G.711

GroupPark Hold Transfer More

**Auto Upgrade** 12/01 Mon 18:02

1	URL 주소	172.16.30.1
2	로그인 이름	Michael
3	로그인 암호	*****
4	재시도 성공(일)	
5	재시도 간격(분)	
6	서버 포트	

ENG A 2 ABC 3 DEF 4 GHI 5 JKL 6 MNO 7 PQRS 8 TUV 9 WXYZ

GroupPark Hold Transfer More

# AP-SVC500 SD Video Conference Equipment

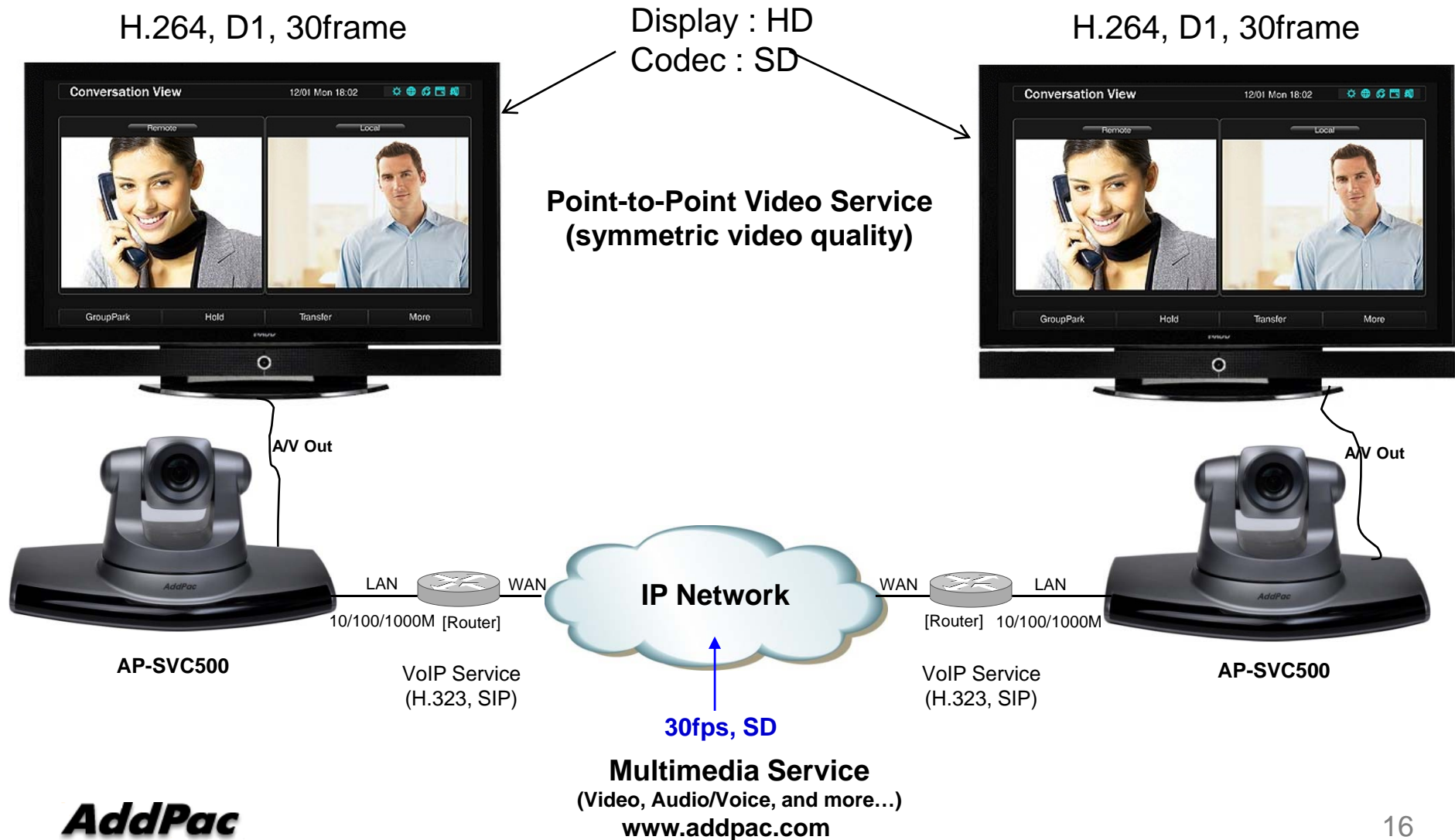
## Application Area

- Audio/Video Real-time Broadcasting
- Video Telephony
- Video Conference



# Video Telephony Application

AP-SVC500 D1 Video Conference Equipment



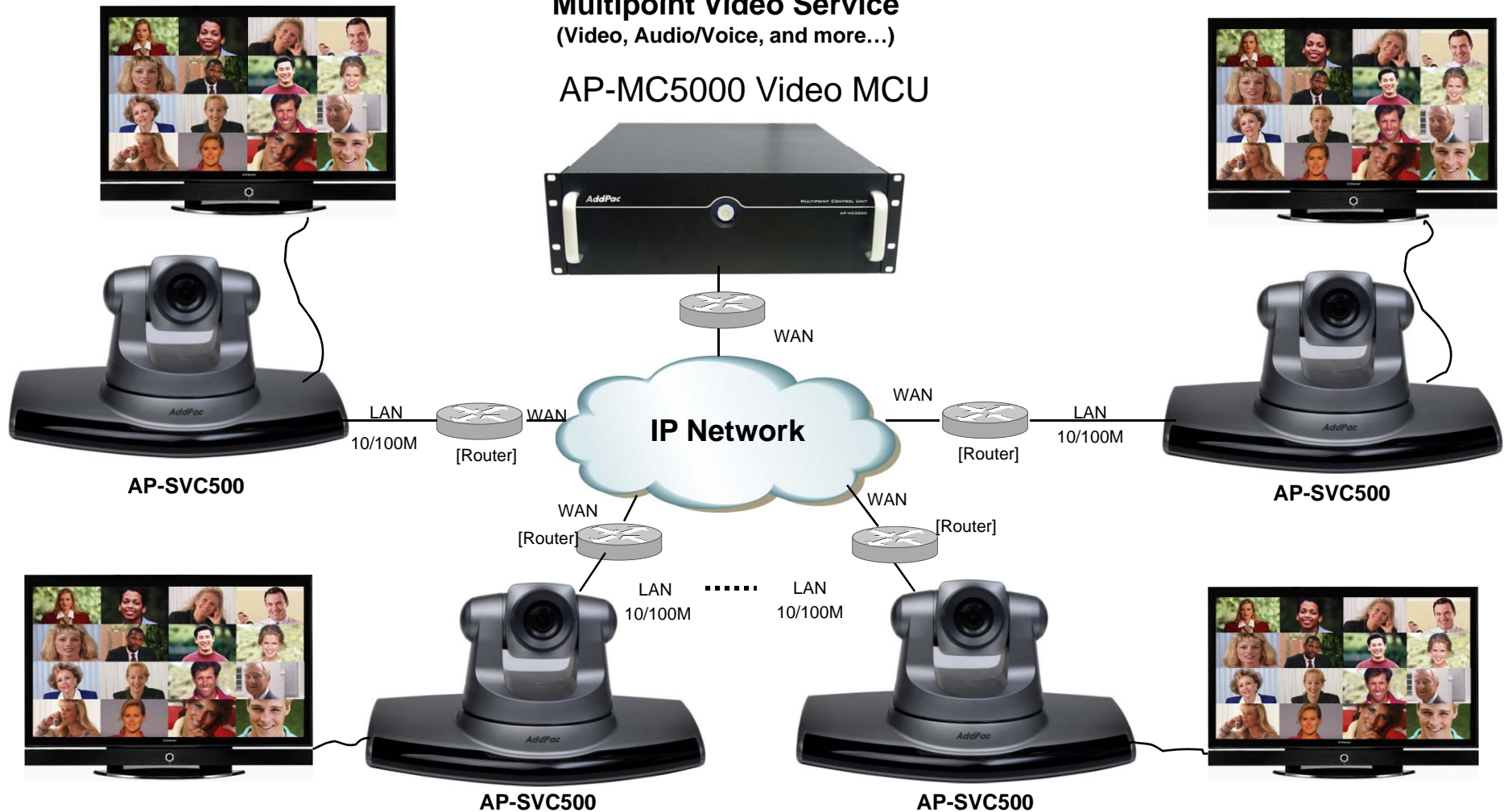


# Video Conference

AP-HVC500 HD Video Conference Equipment

**Multipoint Video Service**  
(Video, Audio/Voice, and more...)

AP-MC5000 Video MCU



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# Ordering Information

- AP-SVC500 SD Video Conference Equipment
  - AP-SVC500 SD Video Conference Equipment
  - Including Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-SVC500
- 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](http://www.addpac.com)



# Thank you!

**AddPac Technology Co., Ltd.**  
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