

AP-HVC700™ HD Video Conference Equipment

High Performance Two(2)-Channel HD Video Conference Solution



Preliminary Product Overview

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

AddPac

AddPac Technology

Sales and Marketing

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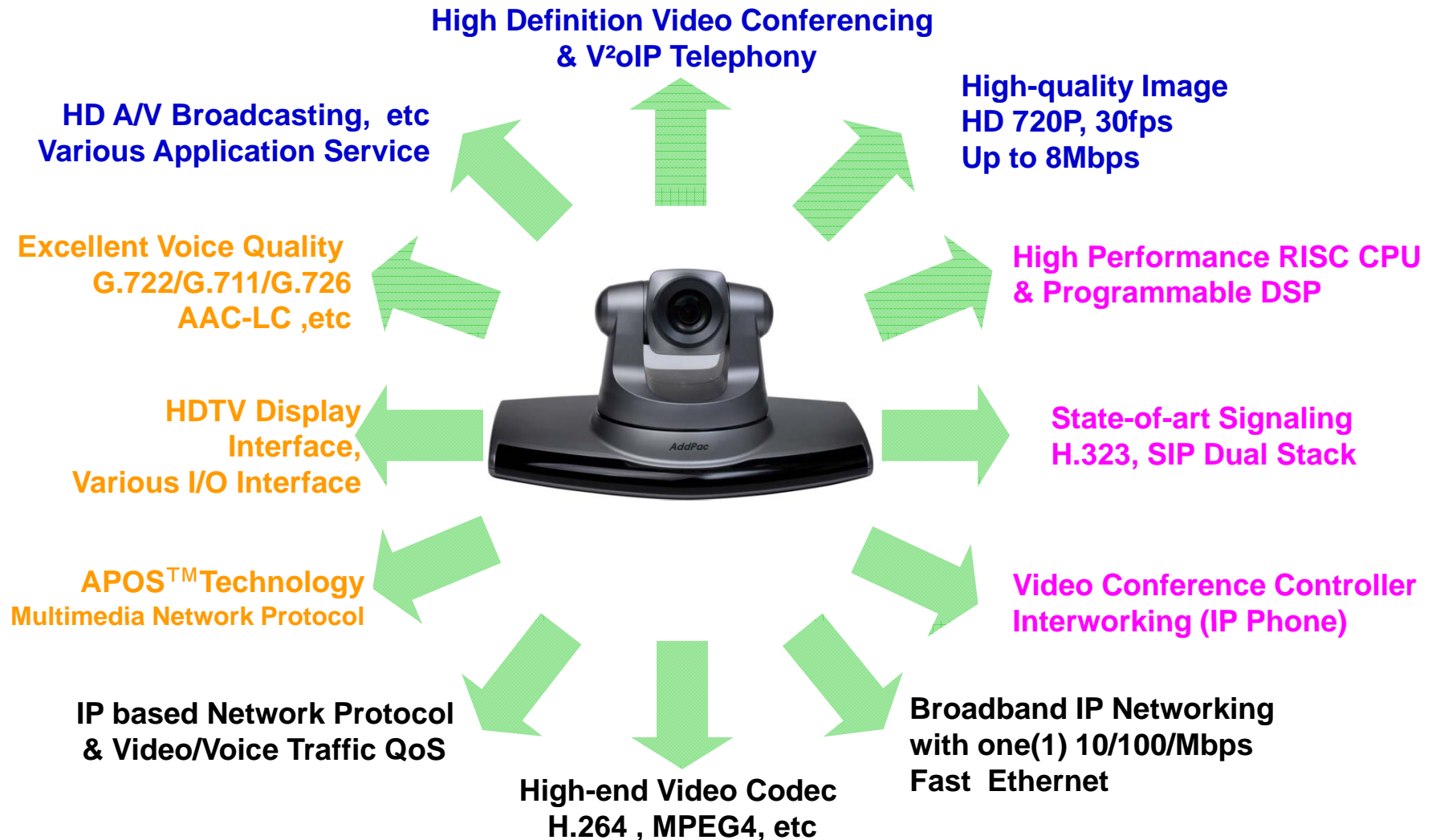
Product Overview

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

- IP based Video Conference Solution
- High-End HD Video Camera Features
- CCD Camera Sensor, 1.3Mega Pixel Camera
- Various Video Format Support
- PAN/TILT/Zoom Housing Features
- Optical 18 x Zoom Support
- 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

Product Highlights

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

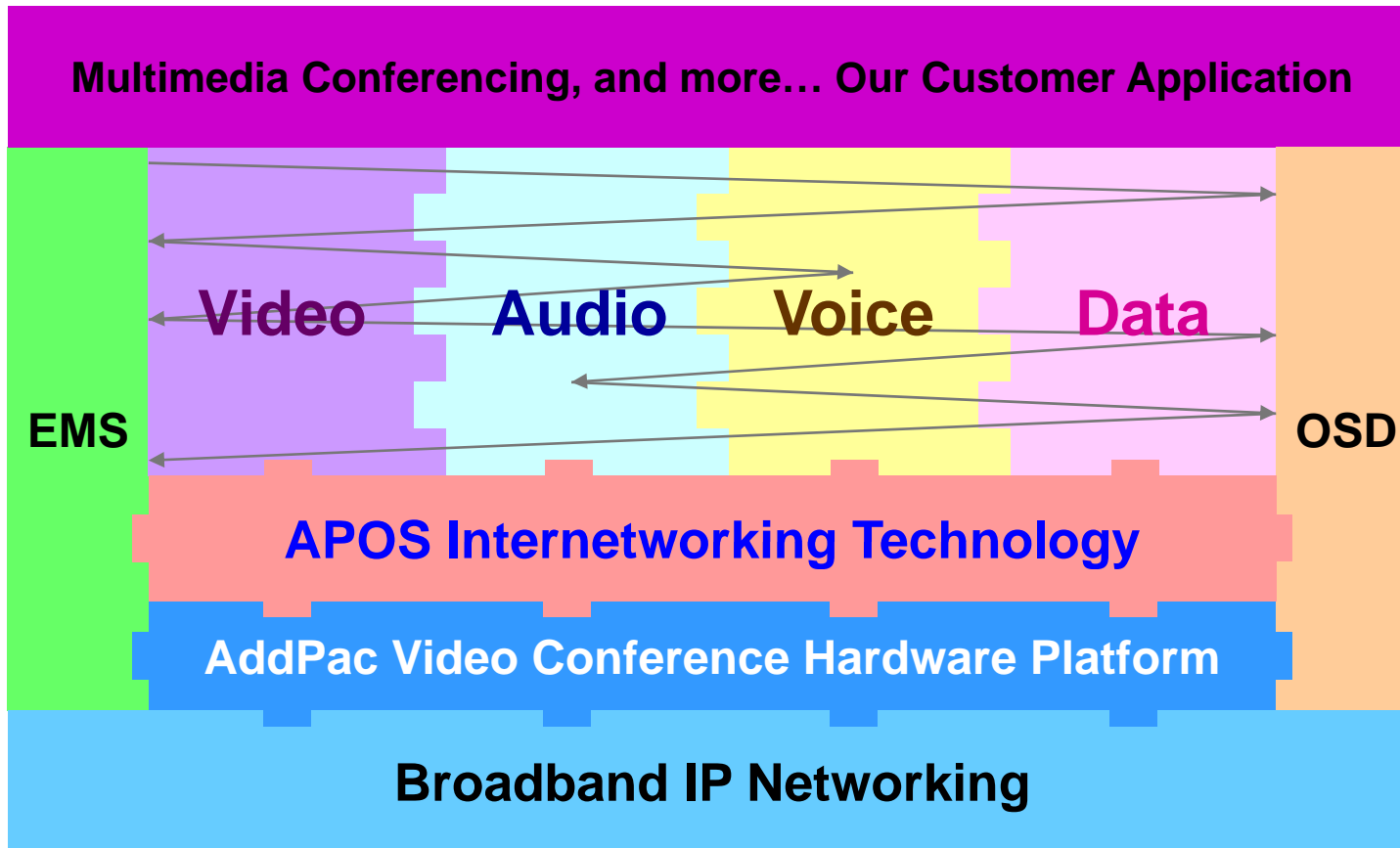


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Multimedia Service

AP-HVC700 Two(2)-Channel HD Video Conference Equipment



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

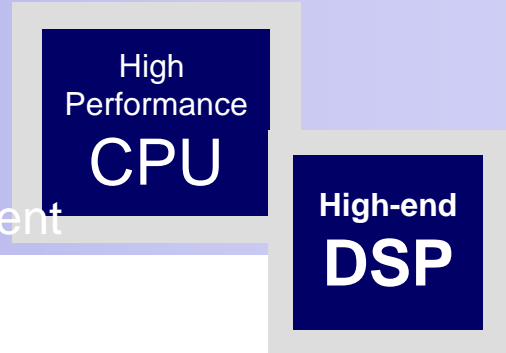
Benefits and Features

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

- Various Video Input/Output Interface
 - Composite (RCA) , Component (Y, Pb, Pr), HDMI
- High-performance Video Codec Support
 - H.264, MPEG4, etc
- Powerful Image Resolution Support
 - CIF(352x288), QVGA(320x240), HVGA(640x240), VGA(640x480), 4CIF(704x576), 720P(1280x720)
- Up to 30fps with HD-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-HVC700 Two(2)-Channel HD Video Conference Equipment



- High Performance RISC Computing Power
- High-end Programmable DSP Hardware Architecture
- CH#1 I/O Interface

Video Input	Built-in HD Camera
Video Output	Composite RCA, Component , HDMI
Audio Input	Stereo RCA Type Audio Input
Audio Output	RCA Type Audio Output (Left, Right)

- CH#2 I/O Interface

Video Input	Composite RCA, HD-SDI, RGB, HDMI
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-HVC700 Two(2)-Channel HD Video Conference Equipment

High
Performance
CPU

High-end
DSP

- High-end Programmable DSP Hardware Architecture
- 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-HVC700 Two(2)-Channel HD Video Conference Equipment

- Camera Specification
 - 1/3 Type Solid State Progressive Scan CCD
 - HD : 1280(H) x 720(V), 30/25/22.5fps
 - Auto Focus 18 x Optical Zoom, 12 x Digital Zoom
 - 1.3 Mega Pixel
 - Wide Angle Lens for Video Conference Application
 - PELCO-D Control Protocol
 - Position Preset

Hardware Specification

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

High
Performance
CPU

High-end
DSP



HD Camera

IR Sensor & Status Indication Area

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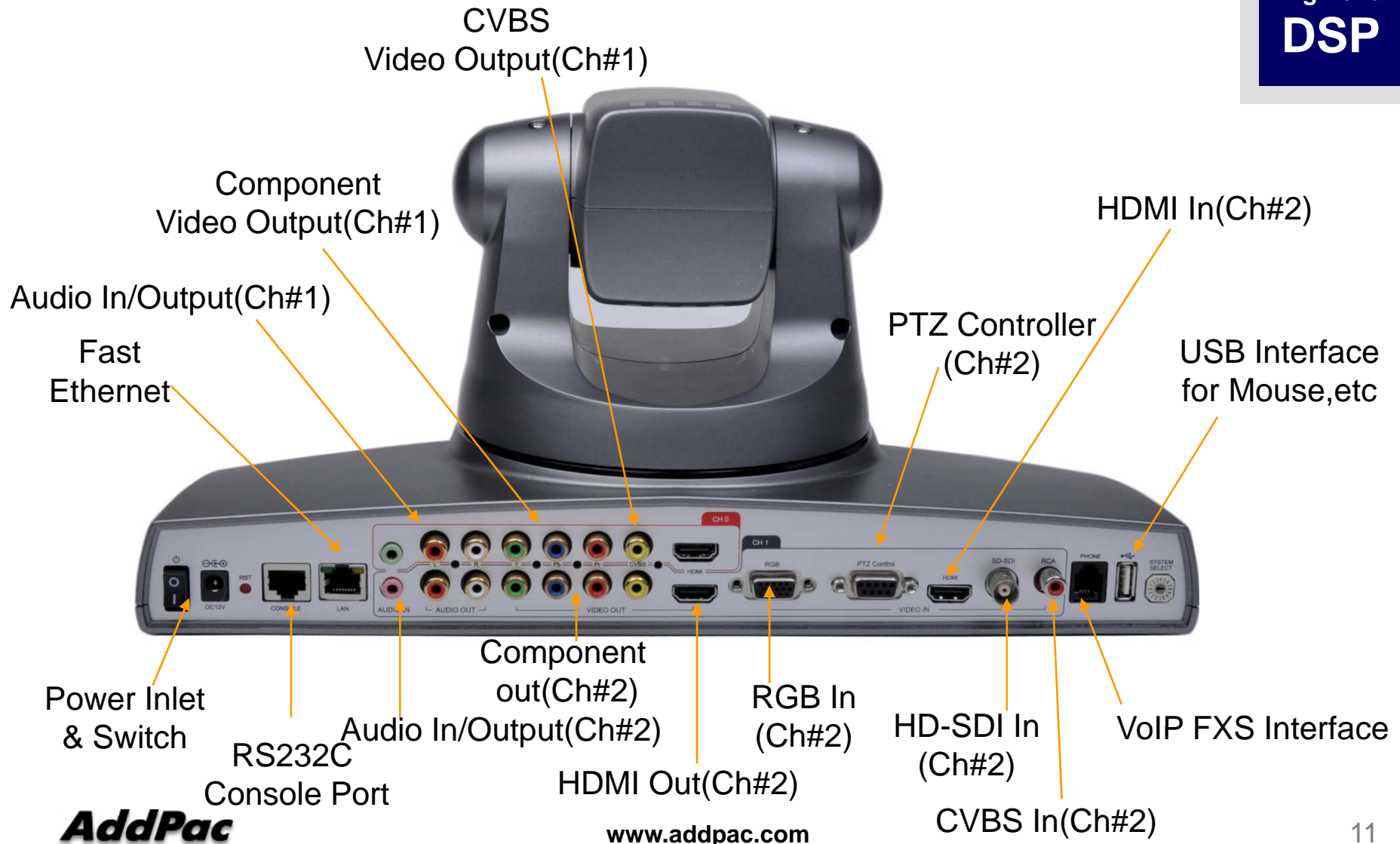
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Hardware Specification

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

High Performance
CPU

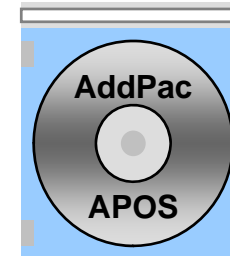
High-end
DSP



Software Service

AP-HVC700 Two(2)-Channel HD 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-HVC700 Two(2)-Channel HD 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-HVC700 Two(2)-Channel HD 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-HVC700 Two(2)-Channel HD 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-HVC700 HD Video Conference Equipment

Application Area

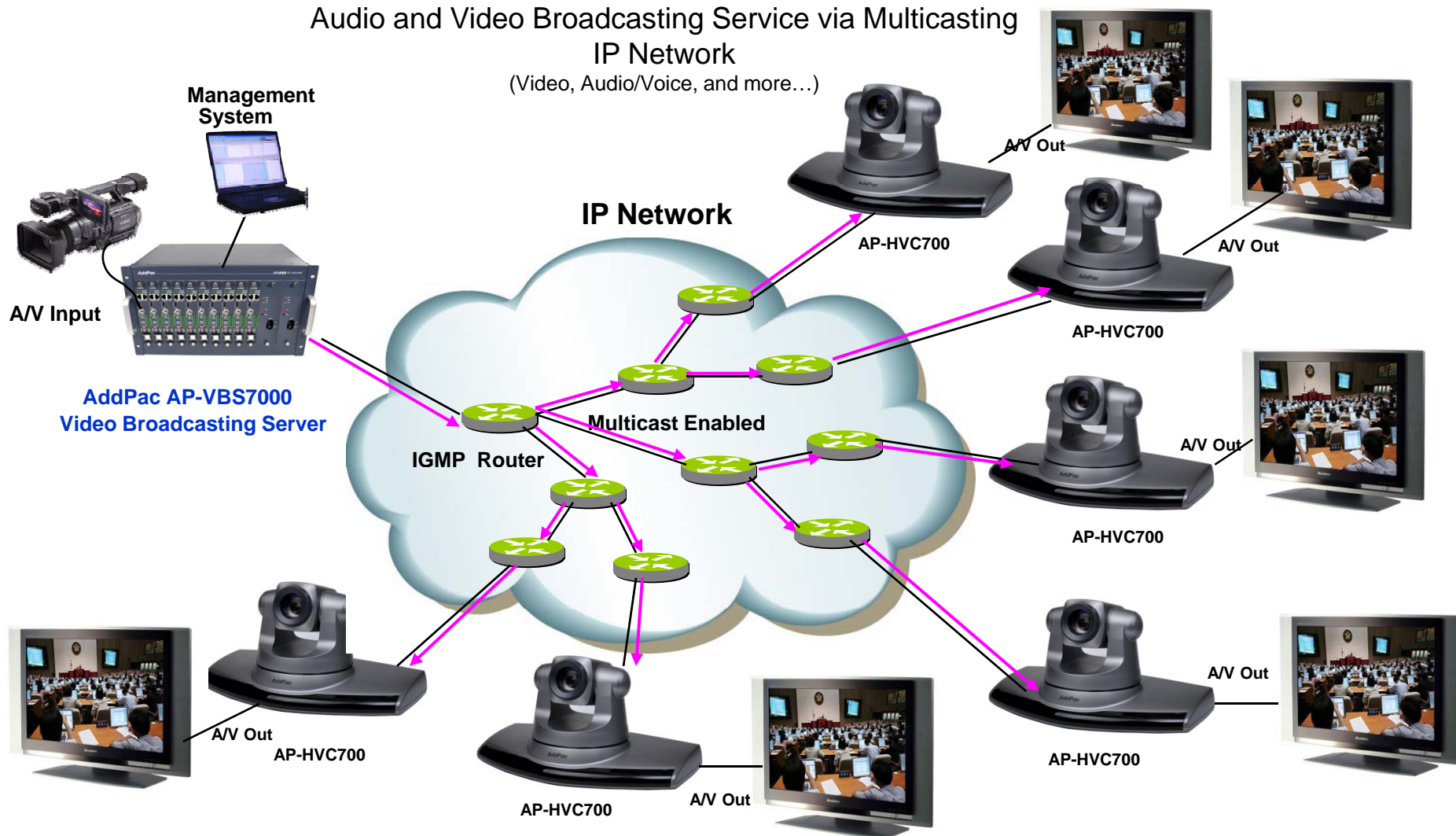
- Audio/Video Real-time Broadcasting
- Video Telephony
- Video Telephony + Document Broadcasting
- Video Telephony + Video Broadcasting
- Video Conference



Audio/Video Real-time Broadcasting

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

Audio and Video Broadcasting Service via Multicasting
IP Network
(Video, Audio/Voice, and more...)



Video Telephony Application

AP-HVC700 Two(2)-Channel HD Video Conference Equipment

H.264, 720P, 30frame

H.264, 720P, 30frame



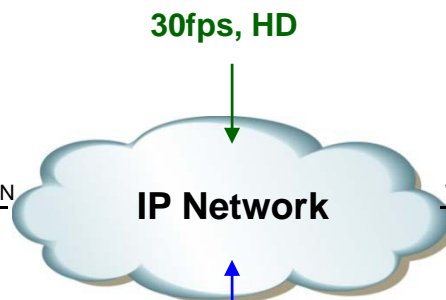
Point-to-Point Video Service
(symmetric video quality)



AP-HVC700

LAN [Router] 10/100/1000M

VoIP Service
(H.323, SIP)



IP Network

30fps, HD

Multimedia Service

(Video, Audio/Voice, and more...)

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WAN [Router] 10/100/1000M

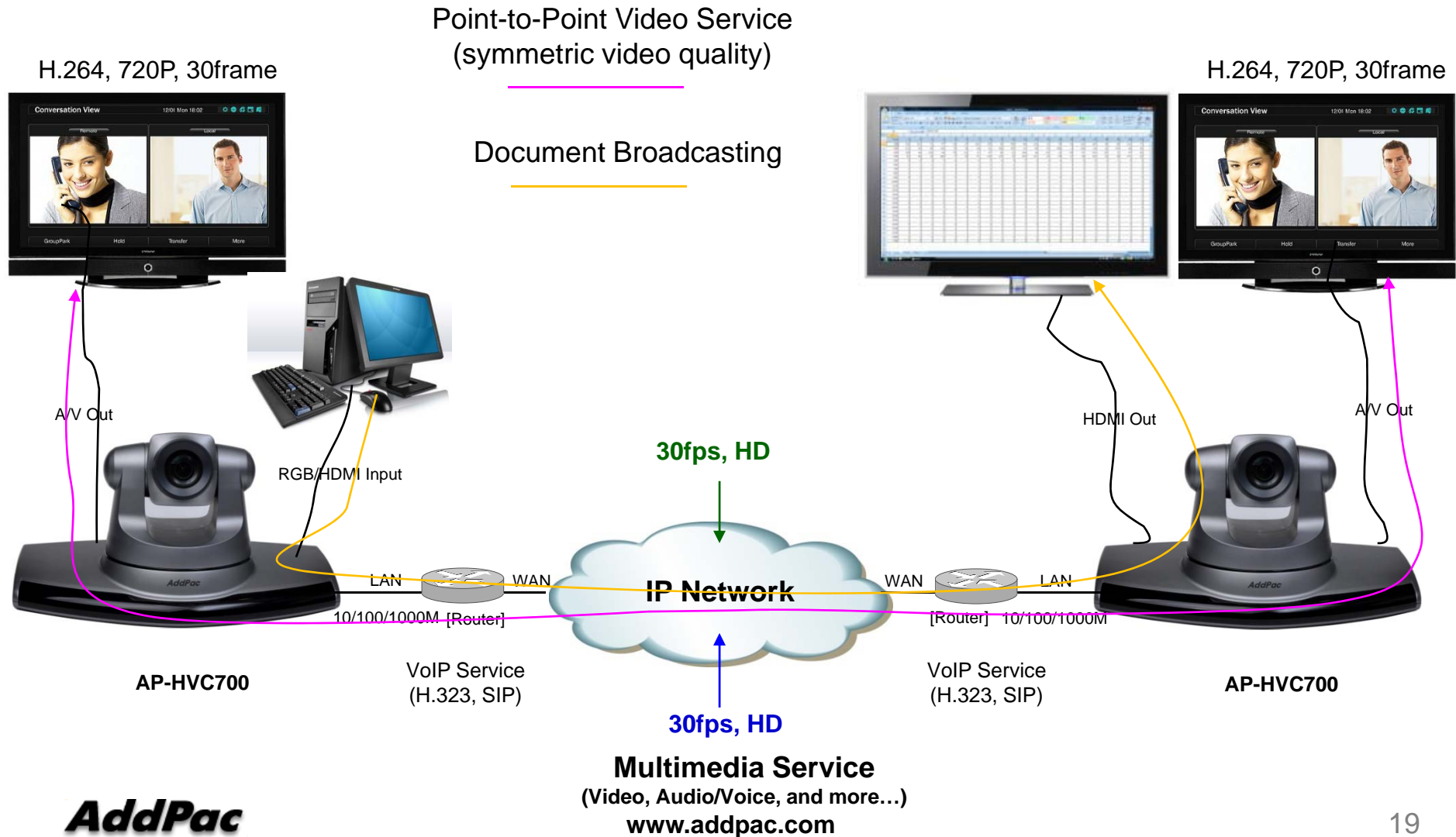
VoIP Service
(H.323, SIP)



AP-HVC700

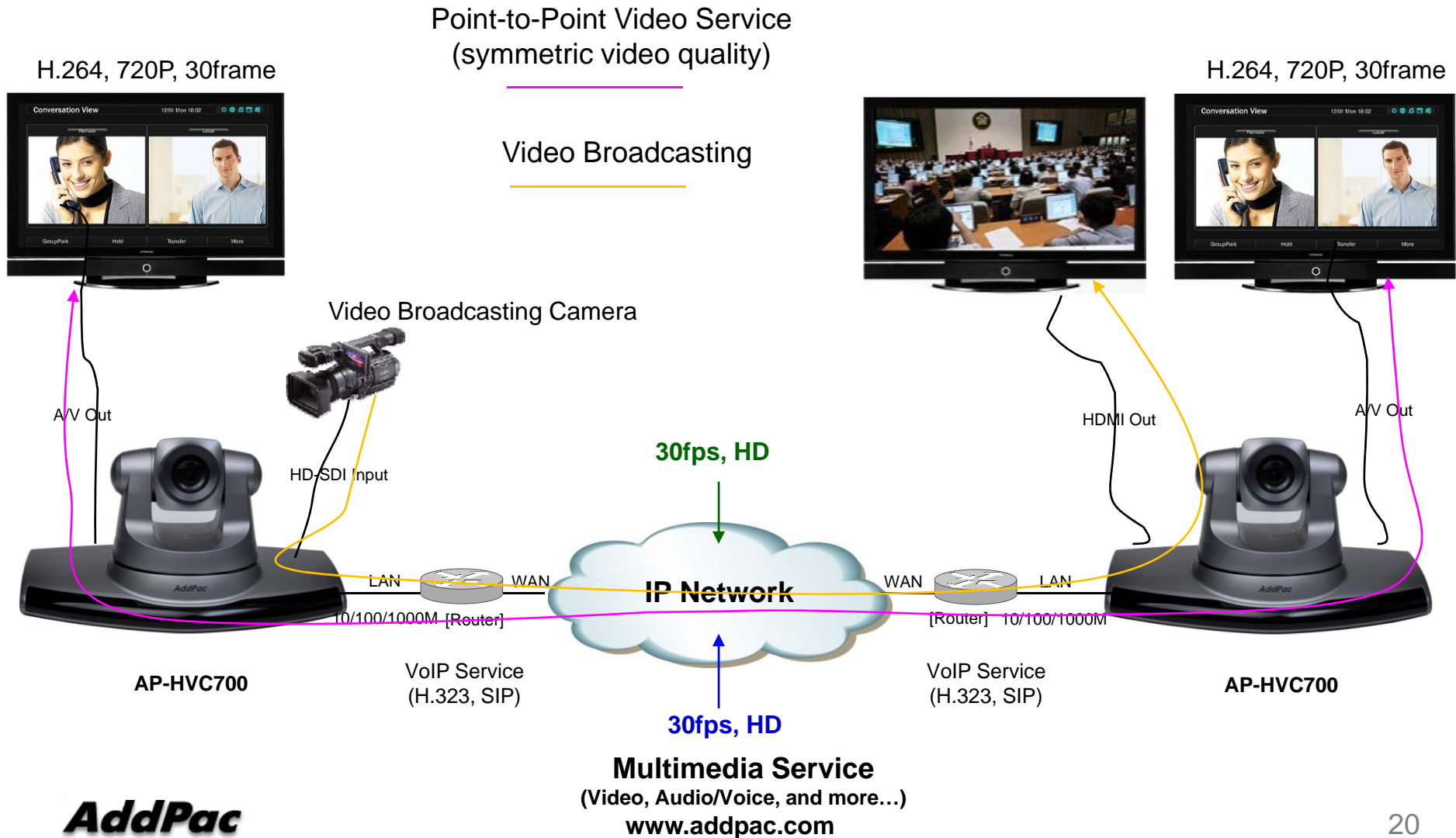
Video Telephony + Document Broadcasting

AP-HVC700 Two(2)-Channel HD Video Conference Equipment



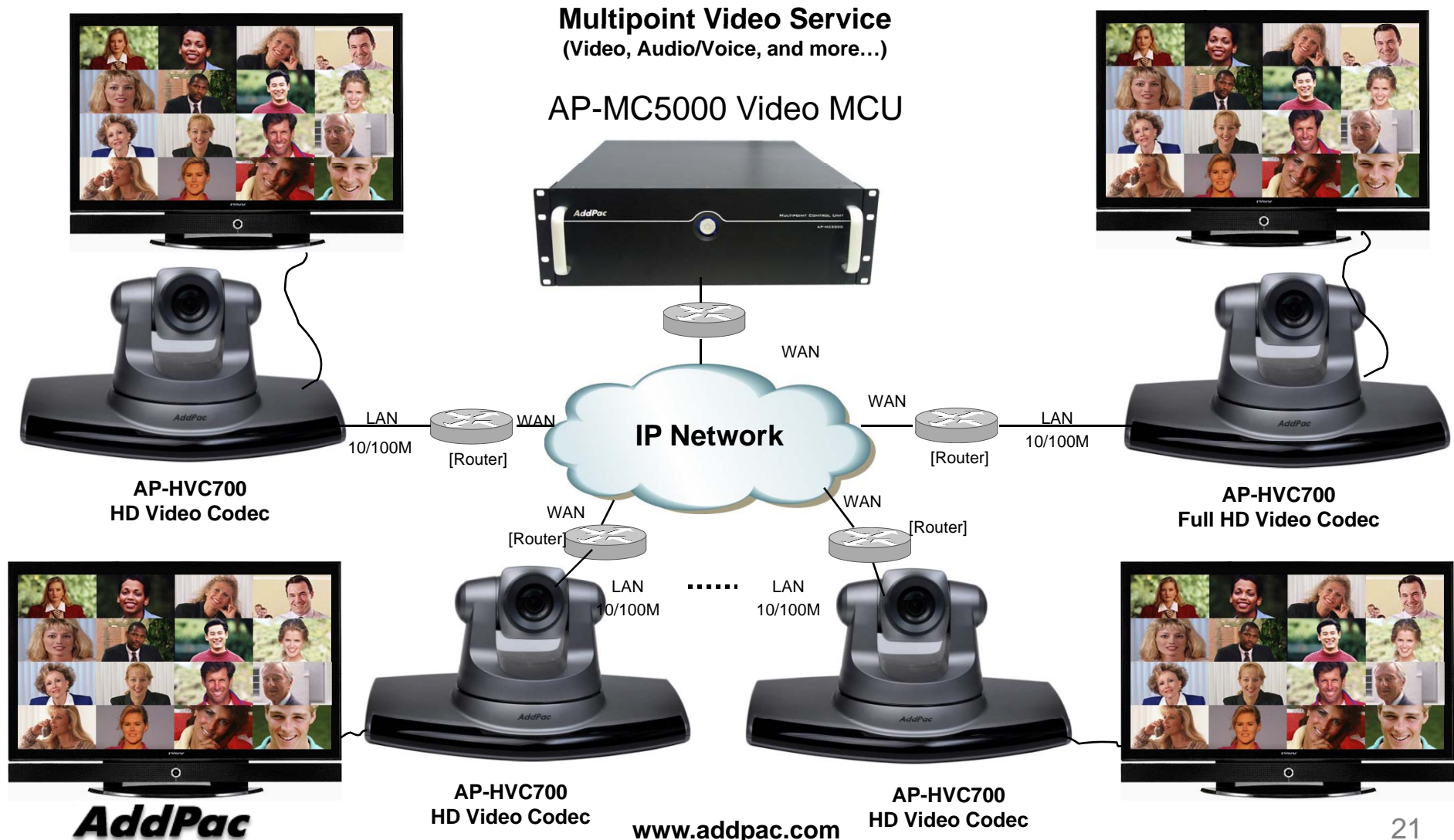
Video Telephony + Video Broadcasting

AP-HVC700 Two(2)-Channel HD Video Conference Equipment



Video Conference

AP-HVC700 Two(2)-Channel HD Video Conference Equipment



Ordering Information

- AP-HVC700 Two(2) Channel HD Video Conference Equipment
 - AP-HVC700 HD Video Conference Equipment
 - Including Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-HVC700
- 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



Thank you!

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