

AP-HVC1000™ Full HD Video Conference Equipment

High Performance Two(2)-Channel Full HD 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

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- Hardware Specification
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Product Overview

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

- 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

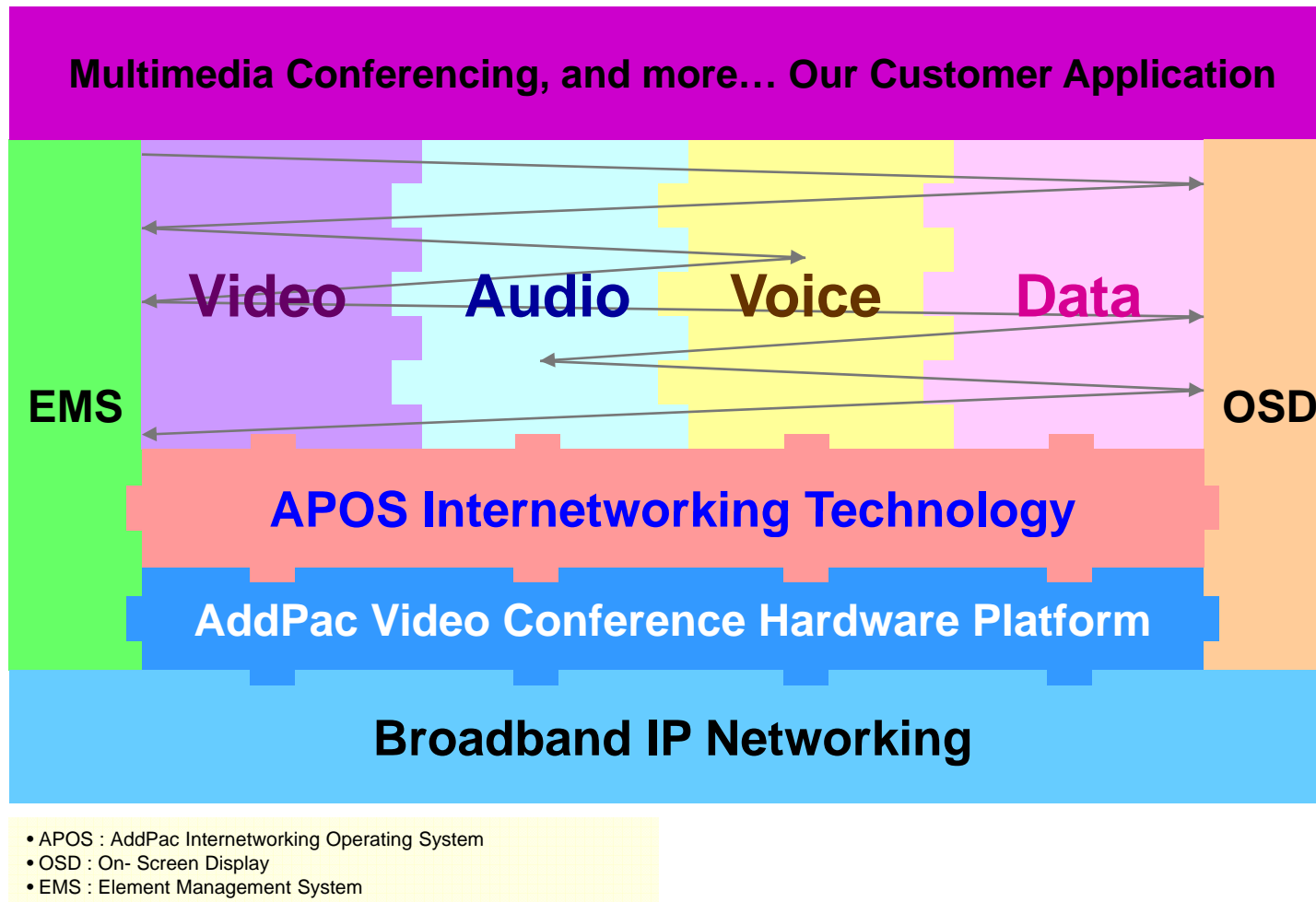
Product Highlights

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



Multimedia Service

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



Benefits and Features

AP-HVC1000 Two(2)-Channel Full 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), 1080i(1920x1080)
- Up to 30fps with Full 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-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

High
Performance
CPU

High-end
DSP

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

Video Input	Built-in Full 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-HVC1000 Two(2)-Channel Full 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-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

- Full HD Camera Specification
 - High-end CMOS Camera Sensor
 - 2Mega Pixel
 - HD : 1080i/59.94, 1080i/50, 720p/59.94, 720p/50, etc
 - Auto Focus 10 x Optical Zoom, 12 x Digital Zoom
 - Wide Angle Lens for Video Conference Application
 - PELCO-D Control Protocol
 - Position Preset

Hardware Specification

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

High
Performance
CPU

High-end
DSP



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IR Sensor & Status Indication Area

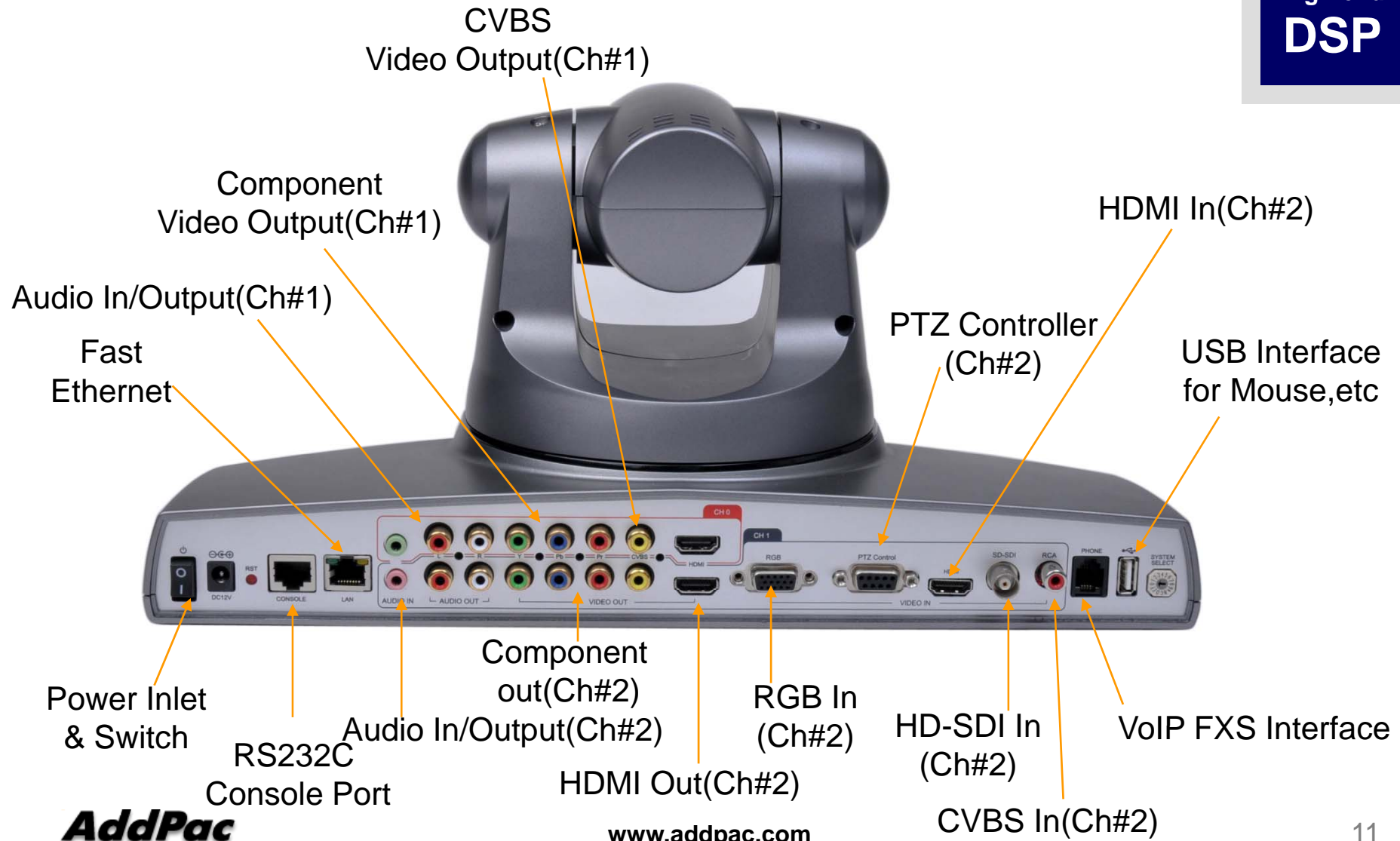
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Hardware Specification

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

High
Performance
CPU

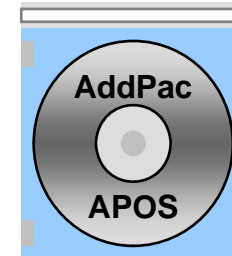
High-end
DSP



Software Service

AP-HVC1000 Two(2)-Channel Full 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-HVC1000 Two(2)-Channel Full 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

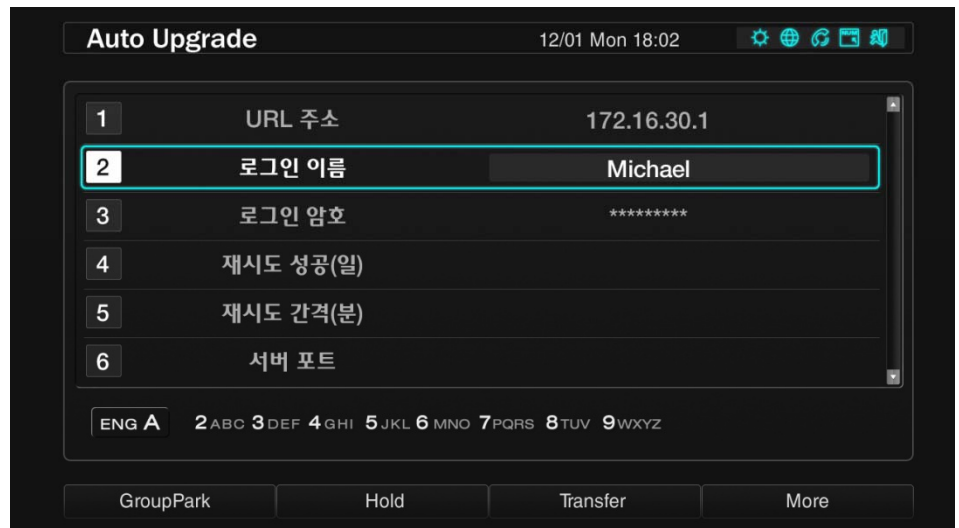
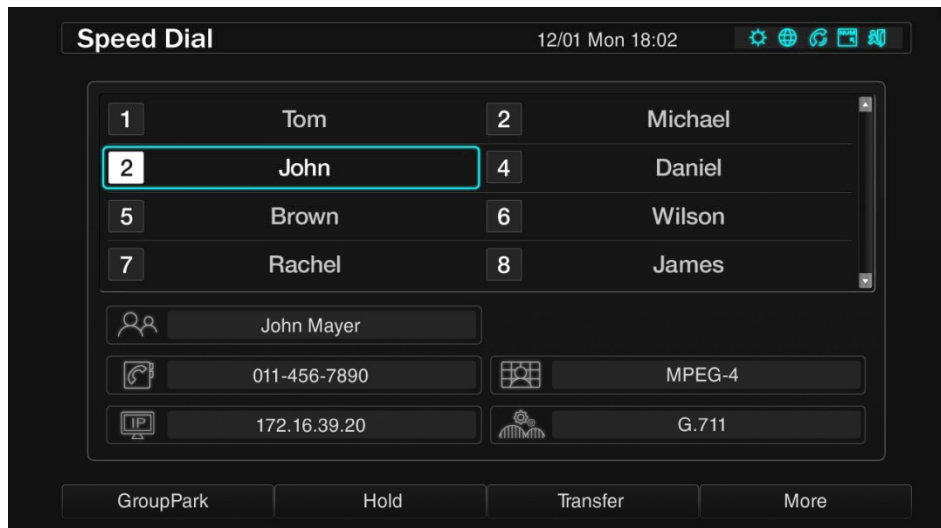
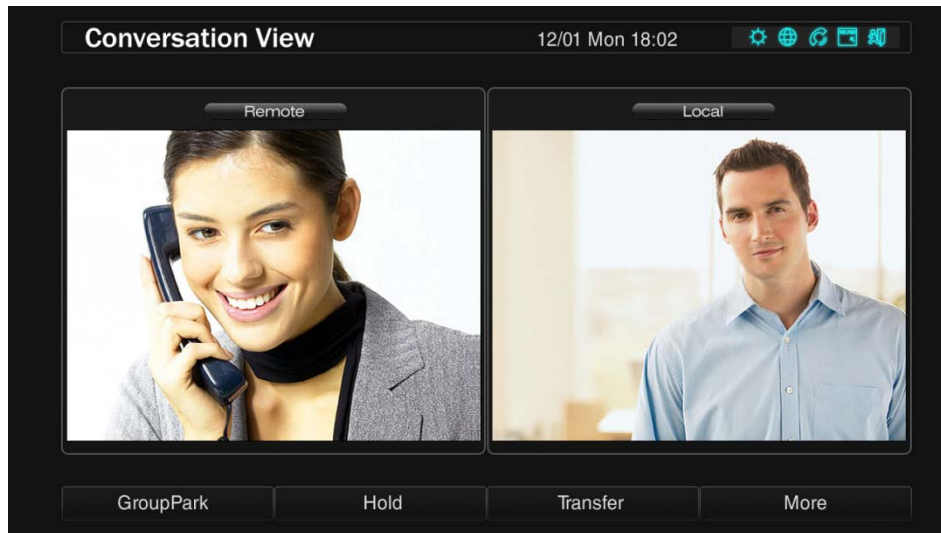
Network Service and Features

AP-HVC1000 Two(2)-Channel Full 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-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



AP-HVC1000 Full HD Video Conference Equipment

Application Area

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



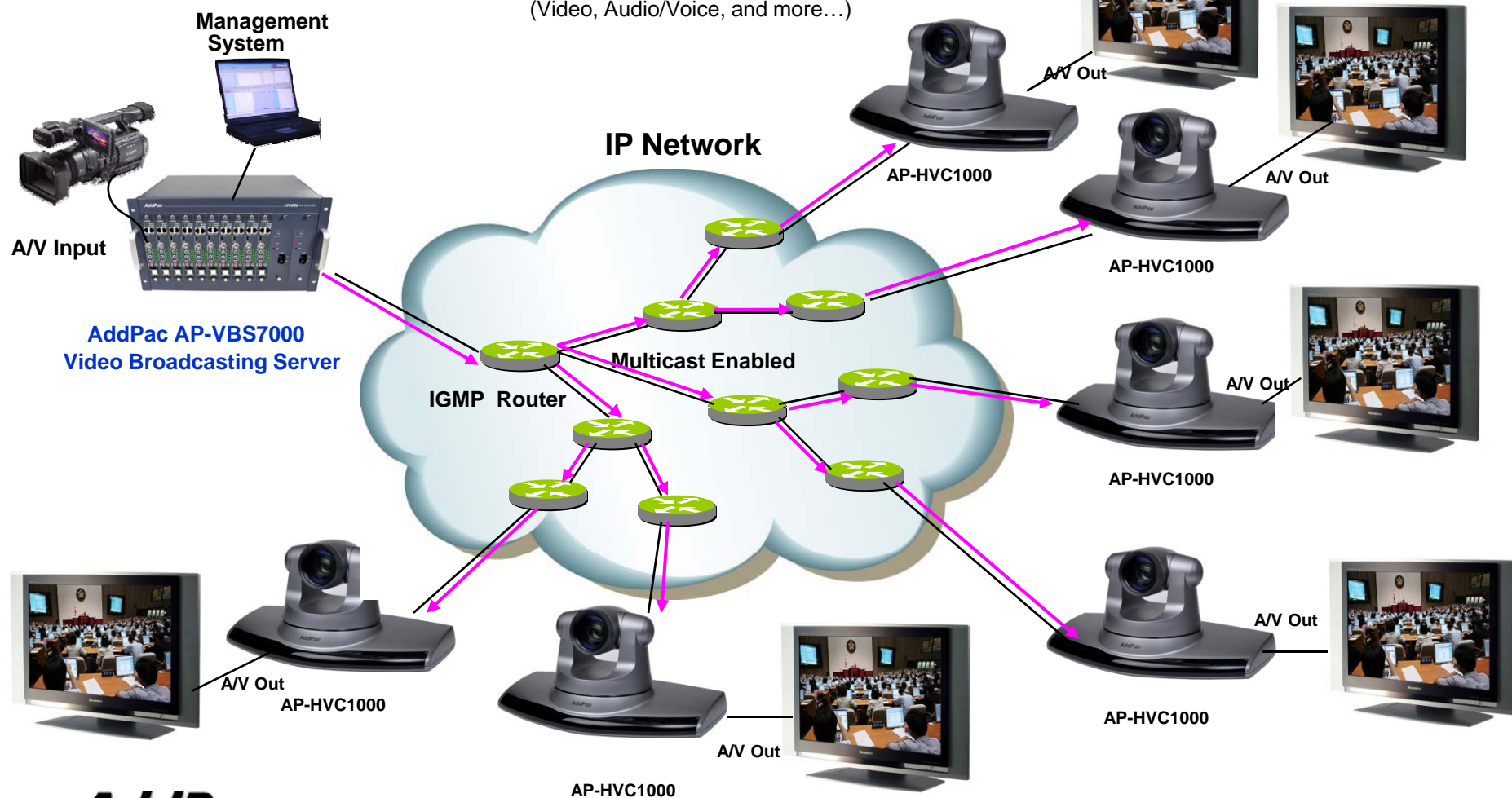
Audio/Video Real-time Broadcasting

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

Audio and Video Broadcasting Service via Multicasting

IP Network

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



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Video Telephony Application

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment

H.264, 1080i, 30frame



A/V Out



AP-HVC1000

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

H.264. 1080i. 30frame



A/V Out



AP-HVC1000

30fps, Full HD

IP Network

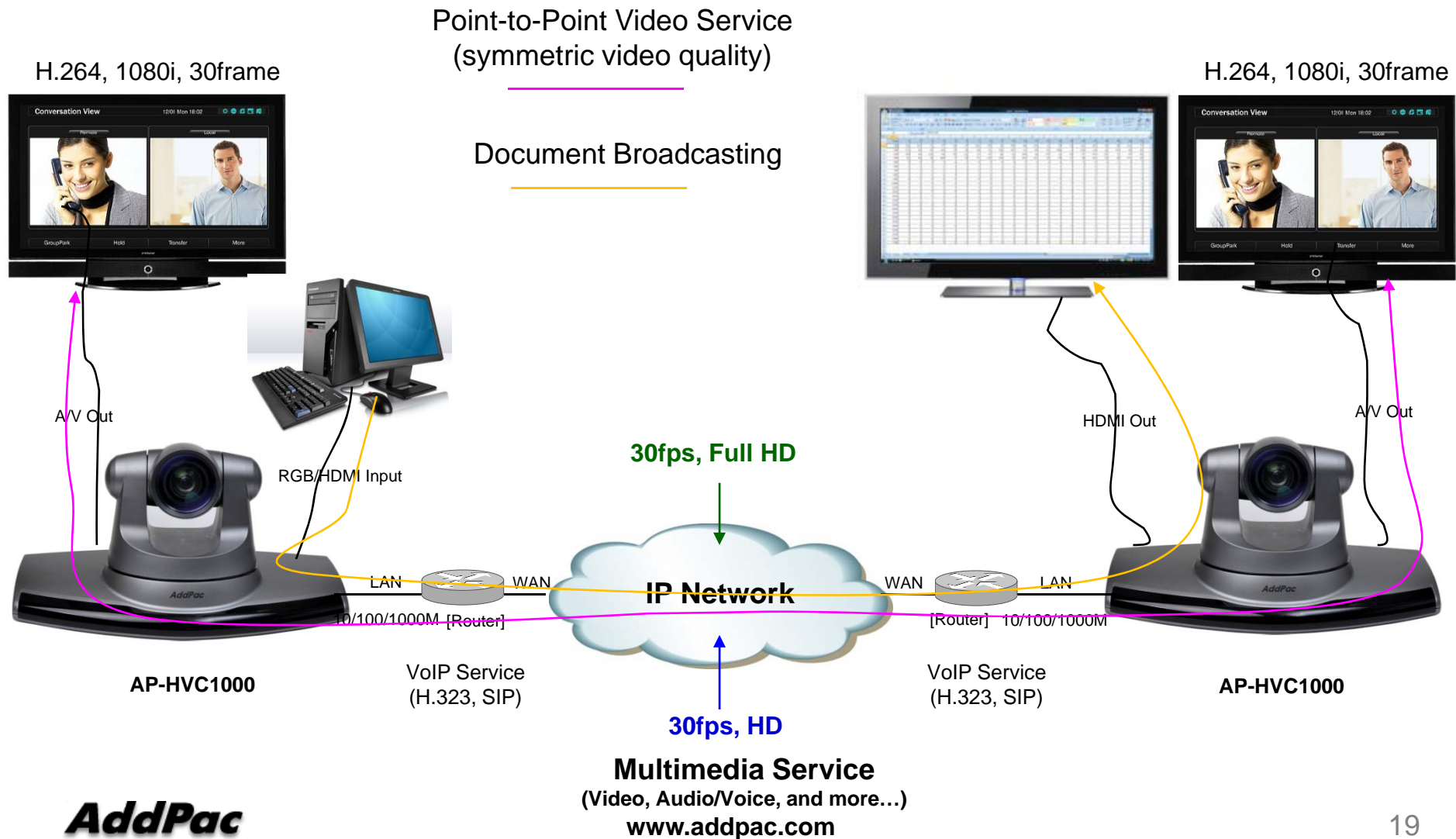
30fps, Full HD

Multimedia Service
(Video, Audio/Voice, and more...)
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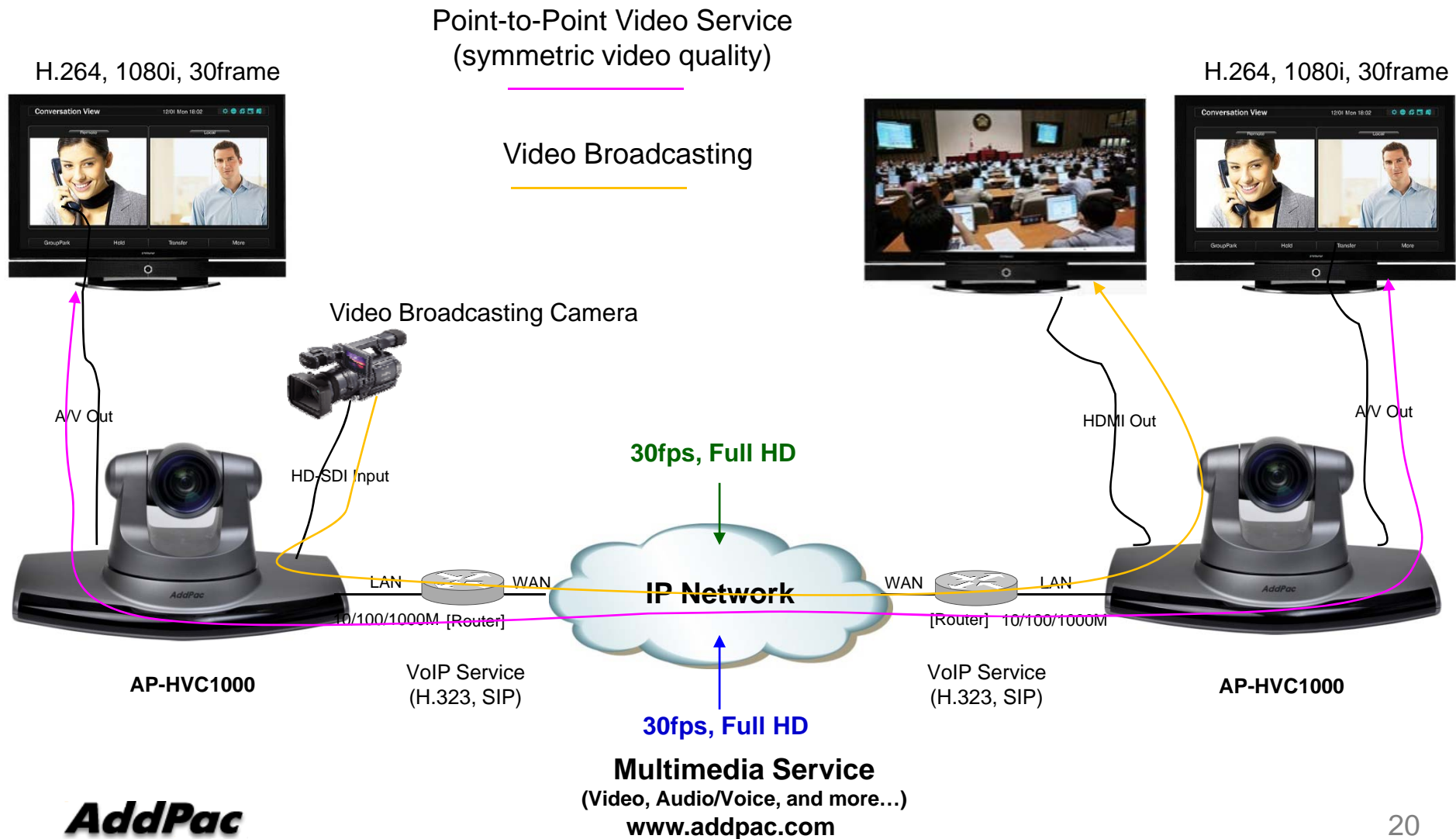
Video Telephony + Document Broadcasting

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



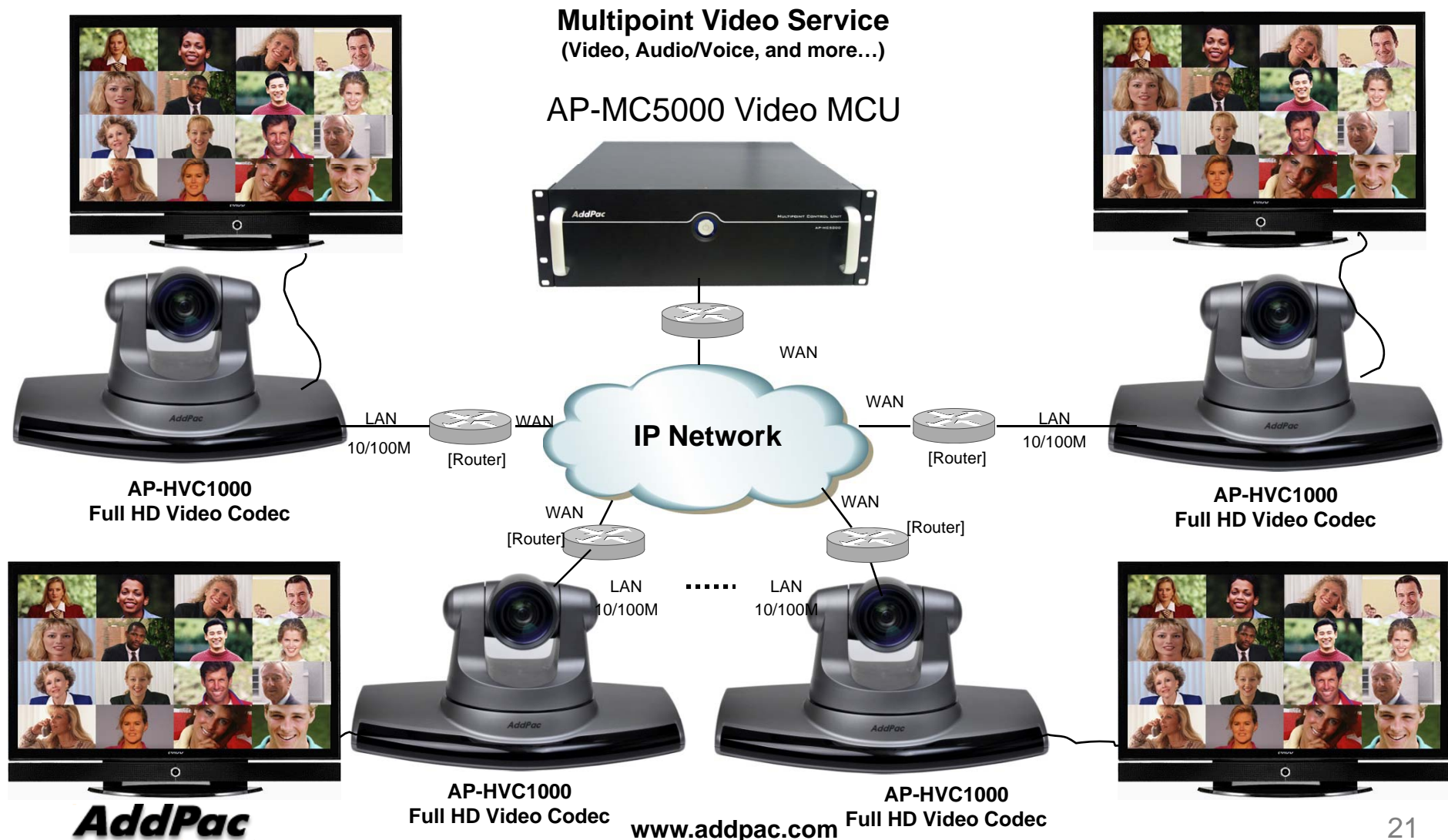
Video Telephony + Video Broadcasting

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



Video Conference

AP-HVC1000 Two(2)-Channel Full HD Video Conference Equipment



Ordering Information

- AP-HVC1000 Two(2) Channel Full HD Video Conference Equipment
 - AP-HVC1000 Full HD Video Conference Equipment
 - Including Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-HVC1000
- 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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