

General Hardware Specifications

CPU	High Performance Processor + DSP Architecture
Memory	1 Giga DDR2 SDRAM
Network Interface	2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)
Console Interface	1-port RS-232C Console Interface
Operation Environment	Temperature 0°C ~ +45°C (operating), -40°C ~ +85°C (storage), Humidity 5% ~ 95%
Power Supply	AC110~220VAC 50/60Hz Free Voltage

Audio/Video Hardware Specifications

Audio/Video Interface (CH 0)	1-CH Composite RCA Video Input and Output 1-CH S-Video Input and Output 1-CH D-sub RGB Video Input and Output 1-CH DVI Video Output 1-CH Component Video (Y, Pb, Pr) Input and Output 1-CH 3.5mm Audio Input and Output 1-Port RS232C Interface for Camera PTZ Control
Audio/Video Interface (CH 1)	1-CH Composite RCA Video Input and Output 1-CH S-Video Input and Output 1-CH D-sub RGB Video Input and Output 1-CH DVI Video Output 1-CH Component Video (Y, Pb, Pr) Input and Output 1-CH 3.5mm RCA Audio Input and Output 1-Port RS232C Interface for Camera PTZ Control
HD Video Camera	SONY HD Camera with P/T/Z Function

Audio Service and Signaling Protocol Features

Voice and Audio Codec	G.711, G.723.1, G.726, G.729, G.722 and AAC*
VoIP Signaling Protocol	SIP/H.323 VoIP Signaling Protocol (Dual Stack) ITU-T H.323 Gateway, Gatekeeper Support SIP Proxy Server Interoperability
Echo Cancellation	G.165 and G.168 Compliant
Voice Processing	VAD, CNG, Dynamic Jitter Buffer Operation
DTMF	Detection and Generation, RFC 2833 Compliant
Telephone Features	On-screen Dial Pad, Caller ID & Hold
Voice QoS	Enhanced QoS Management for Voice Traffic

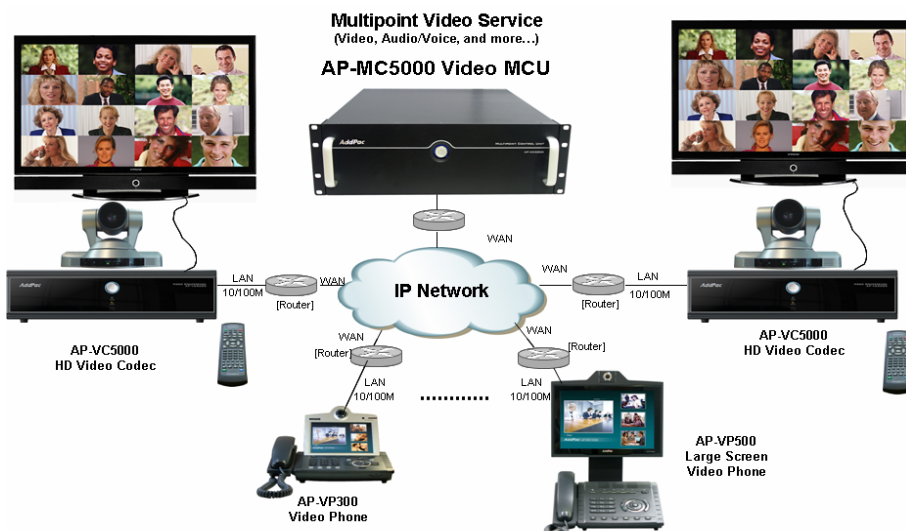
Video Services and Features

Video Codec	H.263, H.263+ , MPEG4, and H.264 (MPEG4 part 10)
Video Format	QCIF(176x144), CIF(352x288), 4CIF(704x576), QVGA(320x240), VGA(640x480), HD(1280x720)
High-Quality Video Display	480P and 720P(1280x720) HD Video Display
Frame Rate	Up to 30fps with HD Resolution
Operating Bandwidth	64Kbps ~ Several Mbps
Dual Operation Features	Dual Monitor with Independent Display and Emulation
Video QoS Features	Enhanced QoS Management for Video Traffic High-end Error Resilience Support on IP Network Rate Control for Best Video Quality Frame Rate Control at a Limited Bandwidth Video Error Concealment Service
MCU Service	Built-in 4-Party MCU Function with Video Mixing, Meet-Me, Add-Hoc, Dial-Out Conferencing Signaling Support, and Control by GUI based Smart Multi-media Manager (SMM) Software
Video Codec Interoperability	Polycom, Tandberg, and Sony Video Conferencing Products with Standard H.323, H.263 based Video Codec, and so on
Control and Setting	OSD (On Screen Display) and Remote Commander
Major Video Application	Voice and Video Telephony, Video Conferencing, Audio/Video Broadcasting, VoD Service, etc.
Secure Video Conference	AES, Secure RTP, etc

WAN, LAN, IP Services and Other Features

WAN Protocol	Point-to-Point Protocol (PPPoE) for ADSL
IP Routing	IPv4 and IPv6 Dual Stack Routing, Static and IEEE 802.1Q VLAN Routing, various IP Routing Support
Network Management	Standard SNMP Agent (MIB v2) Support, Console, Telnet, Remote Firmware Upgrade via FTP/TFTP Support
Security Features	IP Packet Filtering, Access List, Access Control and Data Protections, Enable/Disable for Specific-Protocols Multi-level User Account Management
Operation & Management	Configuration Backup and Restore for APOS Management, Debugging and Diagnosis Features, System Booting/Rebooting through Watch-Dog, etc.
Other Features	DHCP Server and Relay, Network Address Translation (NAT), Port Address Translation (PAT), IEEE Standard Transparent Bridging, CLI, Load Balancing, DNS Proxy, UPnP, MAC Address Filter Service etc.

Network Configuration



Ordering Information

- AP-VC5000 HD IP Video Conference
- AP-REMOCON Remote Control
- CAB-LAN Ethernet Cable
- CAB-CON RS-232C Console Cable
- Video Cable Cable for Video