

Hardware Specifications

Main Chassis	Embedded Hardware Chassis
CPU	High Performance RISC Integrated Processor
DSP	High Performance DSP (Digital Signal Processor)
Memory	512KB Boot Memory, 8MB Flash Memory 64MB Main Memory
Network Interface	2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)
Voice Interface	1-port FXS Analog Voice Interface 1-port FXO VoIP Interface for PSTN
Console	1-port RS-232C Console Interface
USB	1-port USB 1.1 Host Mode Interface
Audio/Video Interface	Composite RCA Video Output S-Video Output Component Video (Y, Cr, Cb) Output 3.5mm RCA Audio Input 3.5mm RCA Audio Output
Operation Environment	Temperature 0°C ~ +45°C(operating), -40°C ~ +85°C (storage), Humidity 5% ~ 95%
Power Supply	AC110~220VAC 50/60Hz Free Voltage, 5V 5Amp.
Demension	52mm x 360mm x 202mm (H x W x D), 1.5Kg

Video Services

Video Codec	MPEG4, H.263, JPEG, and H.264
Resolution	QCIF(176x144), CIF(352x288), QVGA(320x240), VGA(640x480)
Frame Rate	Up to 30fps with VGA-Resolution (MPEG-4)
Operating Bandwidth	32Kbps ~ 4Mbps
Dual Operation Features	Dual Monitor Emulation
Error Resilient	High-End Error Resilient, Error Concealment about Various Video Packet Error, Packet Loss
Bandwidth,Frame Rate Control	Forward Video Bandwidth, Frame Rate Control Backward Video Bandwidth, Frame Rate Control Advanced Video Rate Control Scheme (32Kbps ~4Mbps), 1frame~30 Frame VBR/CBR/Hybrid CBR
Video QoS	Enhanced QoS Management for Video Traffic

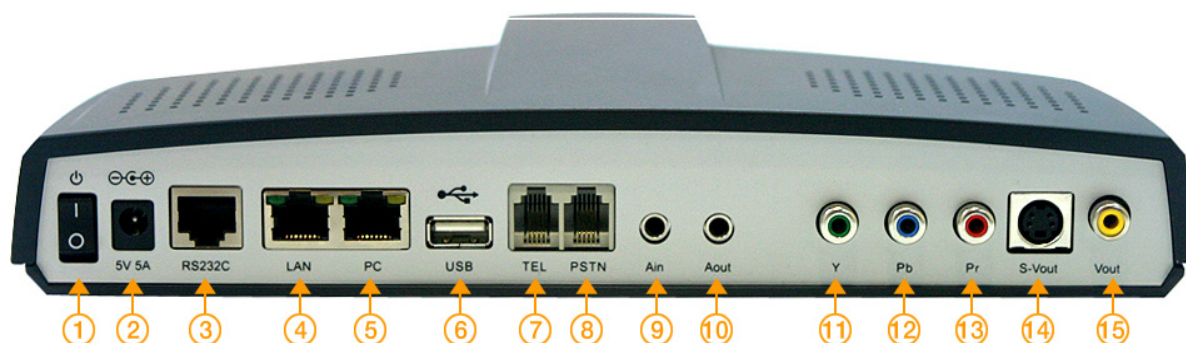
Audio Service and Signaling Protocol Features

Voice and Audio Codec	G.711, G.723.1, G.726, G.729
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
FAX Support	T.38 G3(Group 3) FAX Relay
DTMF	Detection and Generation, RFC 2833 Compliant
Telephone Features	On-screen Dial Pad, Caller ID & Hold
Voice QoS	Enhanced QoS Management for Voice Traffic

WAN, IP Routing 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, RIP v1/v2, RIPng, OSPF v2/v3, BGP v4, Multicast IGMP Protocol Support
Network Management	Standard SNMP Agent (MIB v2) Support, Console, Telnet, Web Based Management, Remote Firmware (APOS) 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, Auto-disconnect for Telnet/Console Sessions, PPP User Authentication Support (PAP/CHAP)
Operation & Management	Performance Analyzing (Process, CPU, Interface), Configuration Backup and Restore for APOS Management, Debugging and Diagnosis Features, System Booting/Rebooting through Watch-Dog, Data Logging Features, IP Traffic Statistics through Accounting Support
Other Features	DHCP Server and Relay, Network Address Translation (NAT), Port Address Translation (PAT), IEEE Standard Transparent Bridging (Spanning Tree Bridging and Concurrent Routing Bridging Protocol), Network Time Protocol (NTP), Cisco Style Command Line Interface (CLI), DNS Proxy, UPnP, MAC Address Filter Service etc.
Control and Setting	OSD (On Screen Display) and Remote Commander

A/V & Network Interface of AP-VC200



1. Power ON/OFF Switch
2. External Power Input (DC5V)
3. RS232-C Console (RJ-45)
4. 10/100Mbps Ethernet 0 (LAN)
5. 10/100Mbps Ethernet 1(PC)

6. USB Interface (Host Mode)
7. FXS Voice Port for Analog Phone, FAX
8. FXO Voice Port for PSTN
9. 3.5mm Audio Input
10. 3.5mm Audio Output

11. Component Y OUT
12. Component Pb OUT
13. Component Pr OUT
14. S-video Output
15. RCA Output

AddPac

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