

Hardware Specifications

Main Chassis	Embedded Hardware Chassis
CPU	High Performance RISC Integrated Processor
DSP	High Performance DSP (Digital Signal Processor)
Memory	512KB Boot Memory, 16MB Flash Memory 128MB Main Memory
Network Interface	2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)
Voice Interface	1-port FXS Analog Voice Interface
Console & USB	1-port RS-232C Console Interface 1-port USB Interface
Audio/Video Interface (CH0)	1-CH Composite RCA Video Input and Output 1-CH S-Video Input and Output 1-CH Component Video (Y, Cr, Cb) Input and Output 1-CH 3.5mm RCA Audio Input 1-CH RCA Audio Output Left and Right
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), 1.3Kg

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	64Kbps ~ 4Mbps
Dual Operation Features	Dual Monitor Emulation
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-VC1000



1. Power ON/OFF Switch
2. External Power Input (DC5V)
3. USB Interface (Host Mode)
4. 10/100Mbps Ethernet 0
5. 10/100Mbps Ethernet 1

6. 3.5mm Audio Input
7. RCA Video Input
8. S-Video Input
9. RCA Audio Output L
10. RCA Audio Output R

11. RGB Video Output
12. RCA Video Output
13. S-Video Output
14. Component Y OUT
15. Component Pb OUT

16. Component Pr OUT
17. FXS Voice Port
18. RS-232C 1 (RJ-45)
19. RS-232C 2 (D-sub)
20. Console (RS-232C)