

General 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 System Memory (Flash Memory) 128MB Main Memory (SDRAM)
Network Interface	2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)
PSTN Interface	1-port PSTN FXO Voice Interface
USB Interface	1-port USB Interface (USB 1.1 Host Mode)
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, 5V 5Amp.
Demension	52mm x 360mm x 202mm (H x W x D), 1.5Kg

Audio/Video Hardware Specifications

Color TFT LCD	Built-in 7" Color TFT LCD with Touch Screen
Audio/Video Interface	1-CH Composite RCA Video Output 1-CH Composite RCA Video Input 1-CH S-Video Output 1-CH 3.5mm Audio Input 1-CH 3.5mm Audio Output
Color Video Camera	Built-in 1/4" CCD Color Camera 330 TV Line Resolution 510(H) x 492(V) NTSC Picture Elements 1/60s ~ 1/1000,000s NTSC Electronic Iris 3.7mm Board Lens
Microphone	Built-in Internal Microphone

Audio Service and Signaling Protocol Features

Voice and Audio Codec	G.711, G.723.1, G.726, G.729 and MP3
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

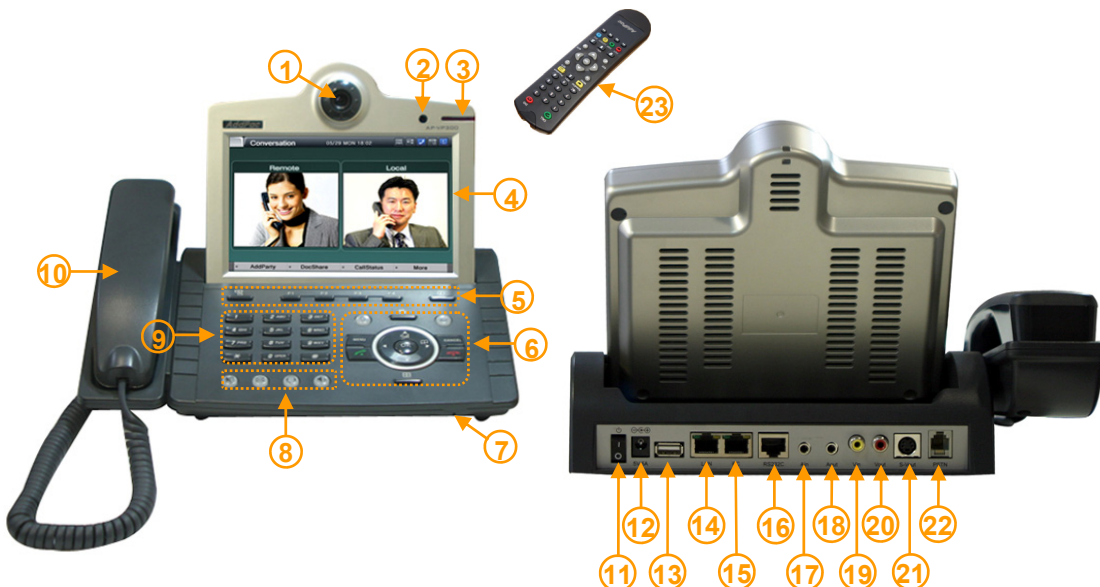
Video Services and Features

Video Codec	MPEG4, H.263, JPEG, and H.264 (MPEG4 part 10)
Resolution	QCIF(176x144), CIF(352x288), QVGA(320x240), VGA(640x480)
Frame Rate	Up to 30fps with VGA-Resolution (MPEG-4)
Operating Bandwidth	64Kbps ~ 4Mbps
MCU Service	Built-in 4-Party MCU (H.263, MPEG4) Function with Video Mixing, Meet-Me, Add-Hoc, Dial-Out Conferencing Signaling Support, and Control by GUI based Smart Multi-media Manager (SMM) Software, Layout Control using Touch Screen
Dual Operation Features	Dual Monitor Emulation and Independent Dual Monitor (Internal LCD Display and External Display using RCA or S-Video Video Output Interface)
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
Video Codec Interoperability	Polycom, Tandberg, and Sony Video Conferencing Products with Standard H.323, MPEG4 based Video Codec, and so on
Control and Setting	OSD (On Screen Display) and Remote Commander

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, 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
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.

A / V & Network Interface of AP-VP350



1. Color CCD Camera
2. IrDA Sensor
3. Status LED
4. 7" Color TFT LCD (Touch Screen)
5. Function Keys Group 1
6. Function Keys Group 2
7. Internal Microphone
8. Function Keys Group 3
9. 3 x 4 DTMF Keys
10. Hand Set
11. Power ON/OFF Switch
12. External Power Input (DC5V)
13. USB Interface (Host Mode)
14. 10/100Mbps Ethernet 0
15. 10/100Mbps Ethernet 1
16. RS-232C Console
17. 3.5mm Audio Input
18. 3.5mm Audio Output
19. RCA Video Output
20. RCA Video Input
21. S-Video Output
22. FXO Port
23. IrDA Remote Controller Set

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