

### General Hardware Specifications

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

### Audio/Video Hardware Specifications

<b>Color TFT LCD</b>	Built-in 7" Color TFT LCD with Touch Screen
<b>Audio/Video Interface</b>	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
<b>Color Video Camera</b>	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 Lris 3.7mm Board Lens
<b>Microphone</b>	Built-in Internal Microphone

### Audio Service and Signaling Protocol Features

<b>Voice and Audio Codec</b>	G.711, G.723.1, G.726, G.729, G.722.2 and MP3
<b>VoIP Signaling Protocol</b>	SIP/H.323 VoIP Signaling Protocol (Dual Stack) ITU-T H.323 Gateway, Gatekeeper Support SIP Proxy Server Interoperability
<b>Echo Cancellation</b>	G.165 and G.168 Compliant
<b>Voice Processing</b>	VAD, CNG, Dynamic Jitter Buffer Operation
<b>DTMF</b>	Detection and Generation, RFC 2833 Compliant
<b>Telephone Features</b>	On-screen Dial Pad, Caller ID & Hold
<b>Voice QoS</b>	Enhanced QoS Management for Voice Traffic

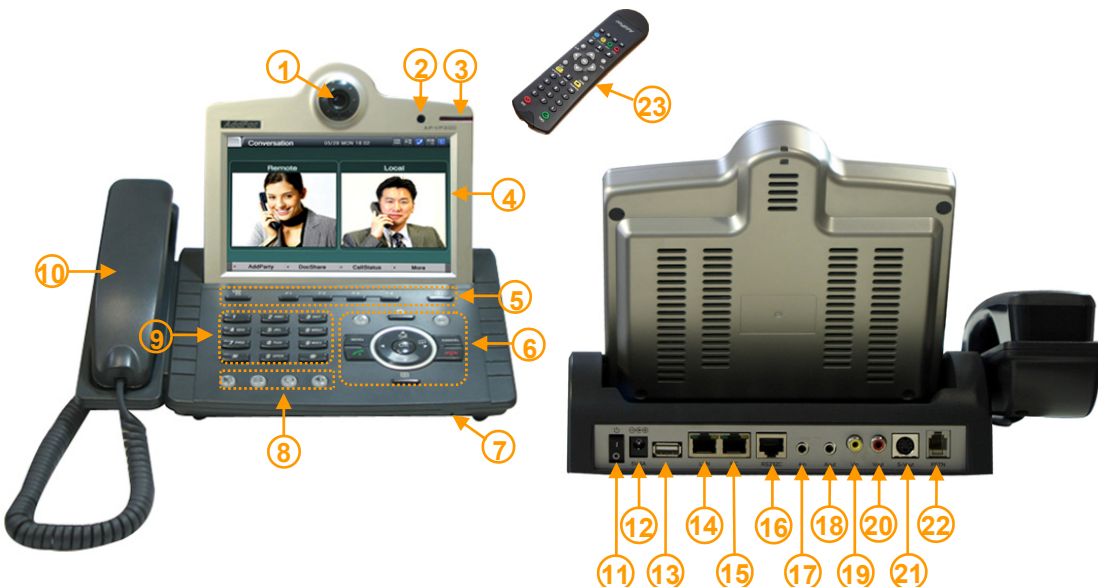
### Video Services and Features

<b>Video Codec</b>	MPEG4, H.263, JPEG, and H.264 (MPEG4 part 10)
<b>Resolution</b>	QCIF(176x144), CIF(352x288), QVGA(320x240), VGA(640x480)
<b>Frame Rate</b>	Up to 30fps with VGA-Resolution (MPEG-4)
<b>Operating Bandwidth</b>	64Kbps ~ 4Mbps
<b>Video Service</b>	Compatibility with AddPac MCU with Video Mixing, Meet-Me, Add-Hoc, Dial-Out Conferencing Signaling Support, and Control by GUI based Smart Multi-media Manager (SMM) Software
<b>Dual Operation Features</b>	Dual Monitor with Independent Display and Emulation
<b>Video QoS Features</b>	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
<b>Video Codec Interoperability</b>	Polycom, Tandberg, and Sony Video Conferencing Products with Standard H.323, MPEG4 based Video Codec, and so on
<b>Control and Setting</b>	OSD (On Screen Display) and Remote Commander
<b>Major Video Application</b>	Voice and Video Telephony, Video Conferencing, Audio/Video Broadcasting, VoD Service, DVR Viewer, Remote Broadcasting, etc.

### WAN, LAN, IP Services and Other Features

<b>WAN Protocol</b>	Point-to-Point Protocol (PPPoE) for ADSL
<b>IP Routing</b>	IPv4 and IPv6 Dual Stack Routing, Static and IEEE 802.1Q VLAN Routing, various IP Routing Support
<b>Network Management</b>	Standard SNMP Agent (MIB v2) Support, Console, Telnet, Web Based Management, Remote Firmware (APOS) Upgrade via FTP/TFTP Support
<b>Security Features</b>	IP Packet Filtering, Access List, Access Control and Data Protections, Enable/Disable for Specific-Protocols Multi-level User Account Management
<b>Operation &amp; Management</b>	Configuration Backup and Restore for APOS Management, Debugging and Diagnosis Features, System Booting/Rebooting through Watch-Dog, etc.
<b>Other Features</b>	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-VP300



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

# AddPac

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