

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 8MB System Memory (Flash Memory) 64MB Main Memory (SDRAM)
Network Interface	2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)
PSTN Interface	1-port PSTN/FXO Voice Interface (Option)
Console Interface	1-port RS-232C Interface for CLI and External Camera Control
USB Interface	1-port USB Interface (USB 1.1 Host Mode)
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	50mm x 270mm x 268mm (H x W x D), 1.4Kg
Remote Controller	Option

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 CMOS Color Camera 330 TV Line Resolution 510(H) x 492(V) NTSC Picture Elements 1/60s ~ 1/1000,000s NTSC Electronic Iris
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 G.722
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

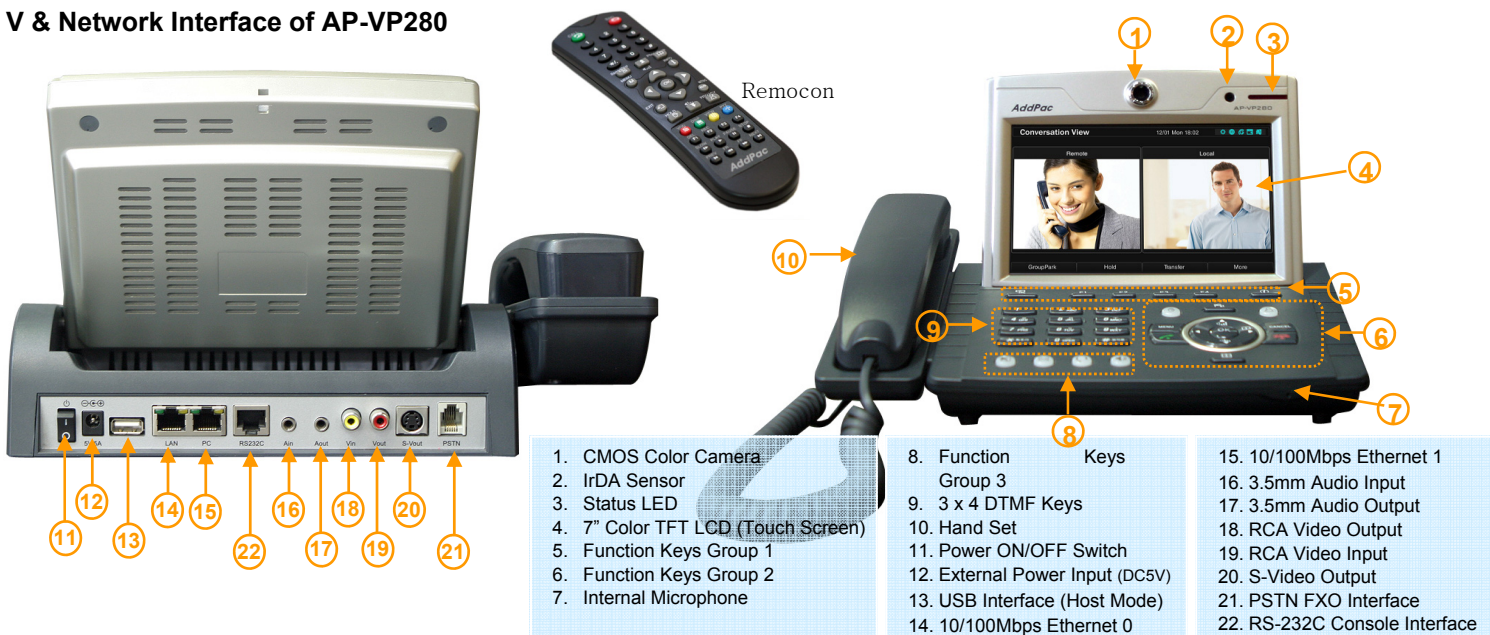
Video Services and Features

Video Codec	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
Video Service	Compatibility with AddPac MCU with Video Mixing, Meet-Me, Add-Hoc, Dial-Out Conferencing Signaling Support, and Control
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
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
Major Video Application	Voice and Video Telephony, Video Conferencing, Audio/Video Broadcasting, VoD Service, 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, 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-VP280



AddPac

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