

### Hardware Specifications

<b>Main Chassis</b>	High Solidity ABS Chassis
<b>CPU</b>	High Performance RISC + DSP (Digital Signal Processor )Integrated Processor
<b>Memory</b>	4MB Flash Memory 16MB SDRAM Main Memory
<b>Network Interface</b>	1-port 10/100Mbps Ethernet (LAN 0) for WAN Interface 1-port 10/100Mbps Ethernet (LAN 1) for LAN Interface
LCD Window	66.54mm x 33.26mm(Active Area) Graphic LCD
<b>Voice Interface (Option)</b>	<b>Phone Interface :</b> 1-port FXS Analog Voice Interface(AP-IP100B) PSTN Backup : 1-port FXO Analog Voice Interface (AP-IP100E)
<b>Audio Interface</b>	1-CH 3.5mm Audio Input 1-CH 3-5mm Audio Output
Internal Speaker & MIC	High Quality Sound
<b>Operation Environment</b>	Temperature 0℃ ~ +45℃(operating), -40℃ ~ +85℃ (storage), Humidity 5% ~ 95%
<b>Power Supply</b>	AC110~220VAC 50/60Hz Free Voltage, 5V 2Amp.
<b>Demension</b>	210mm x 200mm x 60mm (D x W x H)
Weight	1.0Kg

### IP Telephony Services (AddPac IP-PBX)

<b>IP-PBX Interworking</b>	SSCP AddPac Proprietary Protocol
<b>IP-PBX Signaling Protocol</b>	SIP Protocol between IP-PBX and IP Phone
<b>Voice Mail</b>	Voice Mail with IVR Voice Mail Notification
<b>Number &amp; Call Routing</b>	Basic Call, Music on Hold, Blind Transfer, Call Pickup, Consult Call, Switching Call, Consult Transfer, Call Waiting, Call Waiting Notify Call Park, Call Pickup Remote, Hunt Group, Call Swapping, individual Call Park, Group Call Park Call Forwarding ? Unconditional, Busy, No Answer, Voice Mail Etc.
<b>Messenger Interworkng</b>	MS Window based Smart Messenger Program Support
<b>Conference</b>	AddPac IP-PBX Audio MCU or External MCU support

### Audio Service and Signaling Protocol Features

<b>Voice and Audio Codec</b>	G.711, G.723.1, G.726, G.729, etc
<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>FAX Support</b>	T.38 G3(Group 3) FAX Relay
<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

### WAN, IP Routing and Other Features

<b>WAN Protocol</b>	Point-to-Point Protocol (PPPoE) for ADSL
<b>IP Routing</b>	IPv4 Static and IEEE 802.1Q VLAN Routing
<b>Network Management</b>	Standard SNMP Agent (MIB v2) Support, 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, Auto-disconnect for Telnet/Console Sessions, PPP User Authentication Support (PAP/CHAP)
<b>Operation &amp; Management</b>	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
<b>Other Features</b>	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.
<b>Control and Setting</b>	OSD (On Screen Display) and Remote Commander

### Audio, Key, LCD, Network Interface of AP-IP100



1. Graphic LCD
2. Function KEY
3. Ring Indication LAMP
4. Menu KEY
5. Phone Book KEY
6. Volume KEY

7. Internal MIC
8. Mute, Speaker Phone, Headset, Message, Absence KEY (Blue LAMP)
9. Numeric KEY
10. OK, Up/Down, Cancel KEY

11. External Power Input (DC5V)
12. LAN0 (Fast Ethernet)
13. LAN1 (Fast Ethernet)
14. 3.5mm Audio Input
15. 3.5mm Audio Output
16. FXO or FXS Interface