

AP-IP120

SIP Broadcasting Phone

High Performance SIP Phone Solution for SIP Paging Service

AP-PT20 (40 Speed Dial Key)

AP-IP120



AddPac

AddPac Technology

2015, Sales and Marketing

www.addpac.com

Contents

- Product Overview
- Hardware Specification
- Software Service
- Audio & Voice Service and Features
- Network Service and Features
- Application Area
- Ordering Information

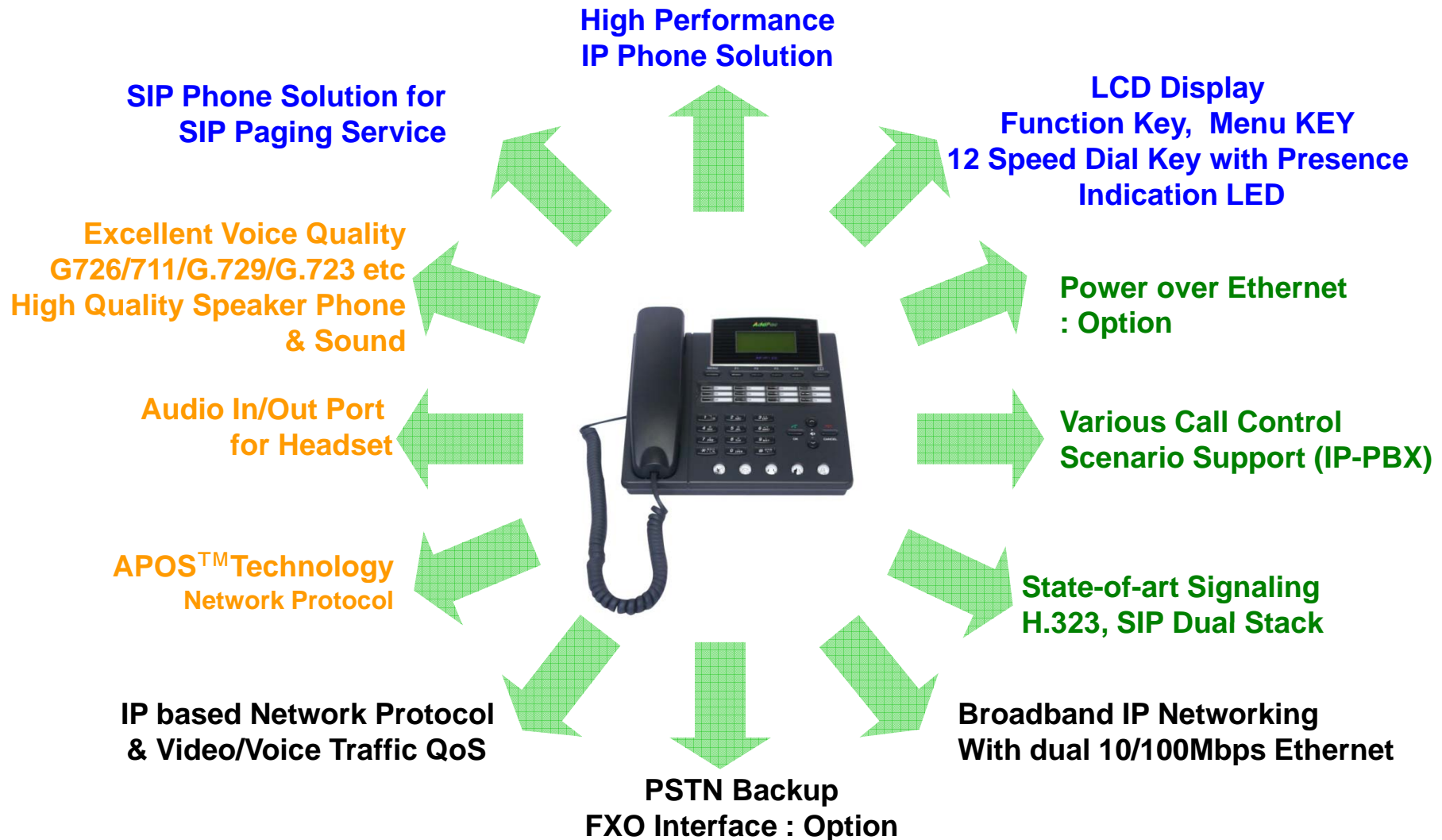
Product Overview

AP-IP120 SIP Broadcasting Phone

- IP Phone Solution
- SIP, H.323 Dual VoIP Signaling Stack
- SIP Paging Service Solution
- 12 Speed-Dial Key with Presence Indication Lamp
- External Speed-Dial Extend Pack Support (AP-PT20, etc)
- Various VoIP Voice Codec Support (G.711,G.726, G.729A,G.7231.1,etc)
- High-performance Audio, and Voice Service
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection

Product Highlights

AP-IP120 SIP Broadcasting Phone

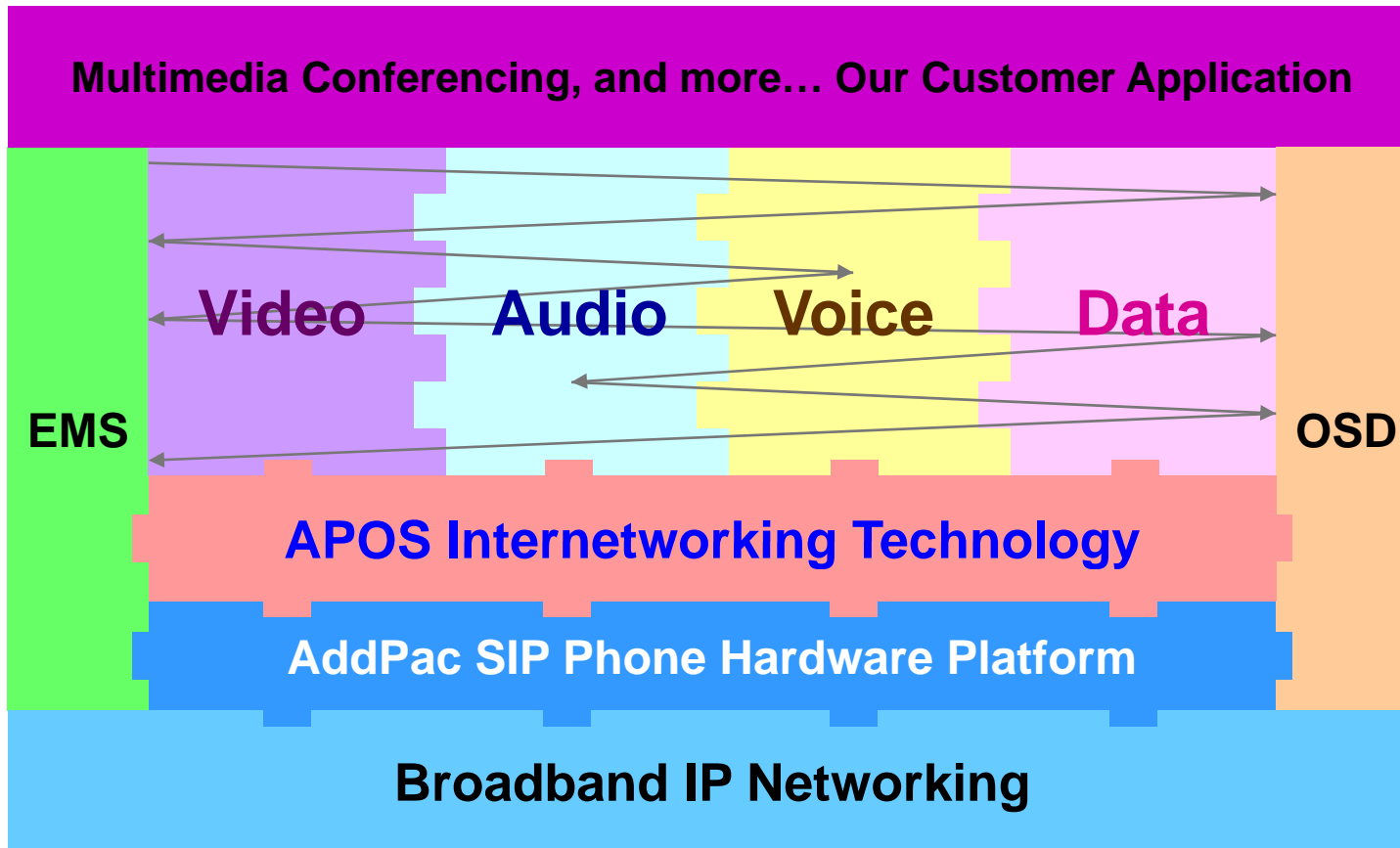


AddPac

www.addpac.com

Multimedia Service

AP-IP120 SIP Broadcasting Phone



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

Hardware Specification

AP-IP120 SIP Broadcasting Phone

- RISC+DSP Microprocessor Computing Power (Dual Processor Architecture)
- Optional PSTN Backup (FXO) Interface
- Optional PoE (Power over Ethernet)
- High quality Audio and Voice Interface
 - Stereo Audio Input Connector
 - Stereo Audio Output Connector
- Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
- LCD Window : Graphic LCD (4 Line Text)
- 12 Speed-Dial Key with Presence Indication LAMP
- Power Supply
 - External Power Adaptor (5V, 2A)

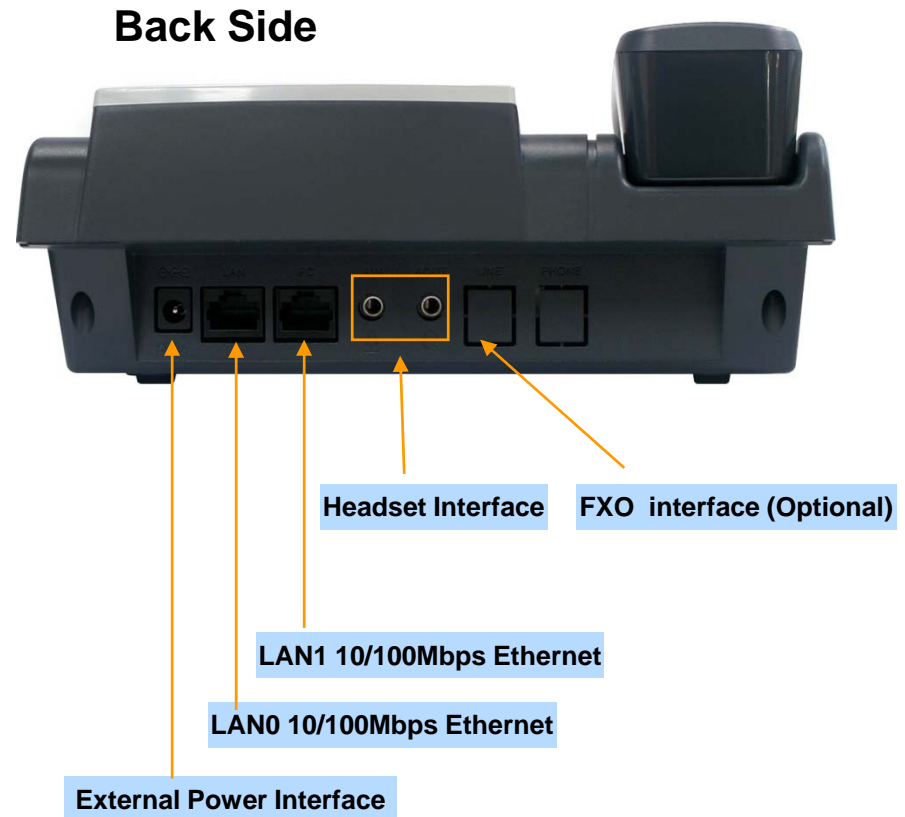
Hardware Specification

AP-IP120 SIP Broadcasting Phone

Hardware Specifications

AP-IP120 SIP Broadcasting Phone	Basic Specifications
CPU	RISC Microprocessor
Ethernet Interface	2-Ports 10/100Mbps Ethernet Interface(RJ-45)
PSTN Backup Port (Optional)	1-Port PSTN Backup Port(RJ-11)
Flash Memory	4Mbyte High-speed Flash Memory
Base Memory	16Mbyte High-speed SDRAM
Power Requirement	External Power Supply Adaptor / VAC 110~220V, 50/60Hz, 10Watt(5V,2A)
	Power over Ethernet (option)
Operating Temperature	0°C ~ 45°C (32 °F ~ 122°F)
Storage Temperature	-40°C ~ 85°C (-40°C ~ 185°F)
Relative Humidity	5% ~ 95% (Non-condensing)
Dimensions	H x W x D (70mm x 200mm x 210mm)
Weight (g)	1Kg

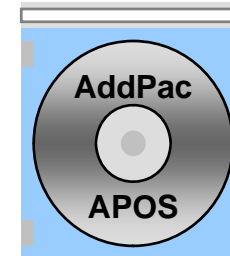
Network interface Configurations



Software Service

AP-IP120 SIP Broadcasting Phone

- **Built-in AddPac APOS Internetworking Software**
 - Scalability, Functionality, and Stability Features
 - Audio Traffic QoS Control
- **Programmable Video, Audio, and Voice Services**
 - Audio, and Voice Codec
- **Firmware Upgradeable Architecture**
- **Industry Standard IP based Network Protocol Features**



Audio & Voice Service and Features

AP-IP120 SIP Broadcasting Phone

- Audio & Voice Networking Interface
 - Audio Input/Output Port (2 x 3.5mm Stereo Female Connector)
- VoIP based Signaling Protocol Support
 - H.323, SIP Multiple Signaling Protocol Stack
 - H.323 Gateway, Gatekeeper Support
- High-performance Audio & Voice Codec Support
 - Line IN/OUT : G.726, G.711 Audio Codec, etc
- Enhanced QoS Management Features for Voice Traffics

Network Service and Features

AP-IP120 SIP Broadcasting Phone

- Network Managements
 - Standard SNMP Agent (MIB v2) Support
 - Remote Management using Console, Telnet
 - Web based Management using HTTP Server Interface
- Security Functions
 - Standard & Extended IP Access List
 - Enable/Disable for Specific Network Protocols
 - Multi-level User Account Management
 - Auto-disconnect for Telnet/Console Sessions
 - PPP User Authentication Supports (PAP & CHAP)
- Operation & Managements
 - System Performance Analysis for Process, CPU, Connection Interface
 - Debugging, System Auditing, and Diagnostics Support
 - System Booting and Auto-rebooting with Watchdog Feature
 - System Managements with Data Logging
 - IP Traffic Statistics with Accounting

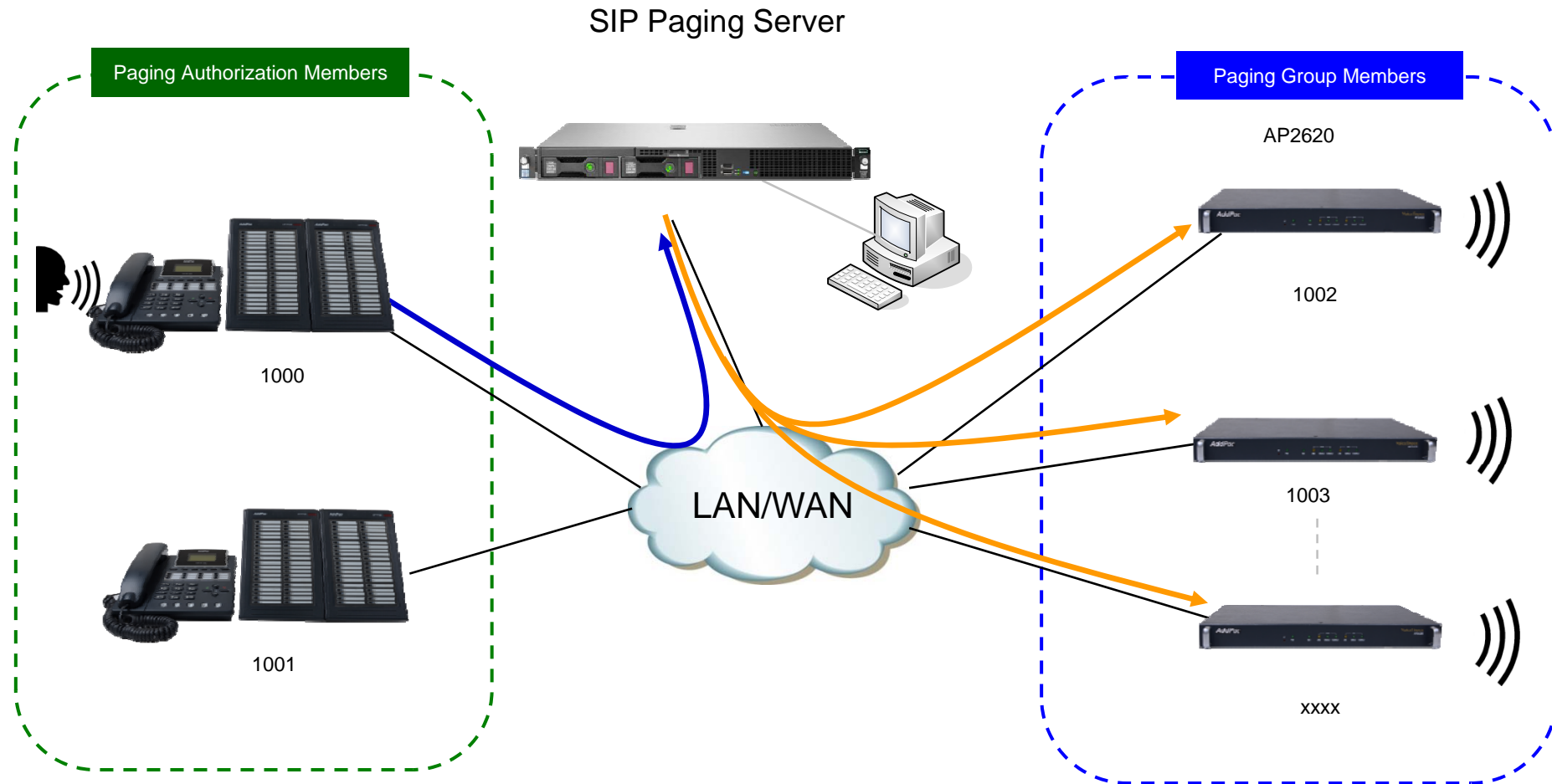
Network Service and Features

AP-IP120 SIP Broadcasting Phone

- Network Managements
 - DHCP Server & Relay Functions
 - Network Address Translation (NAT) Function
 - Port Address Translation (PAT) Function
 - Transparent Bridging (IEEE Standard) Function
 - Spanning Tree Bridging Protocol Support
 - Remote Bridging Support
 - Concurrent Routing and Bridging Support
 - Cisco Style Command Line Interface (CLI)
 - Network time Protocol (NTP) Support

AP-IP120 SIP Broadcasting Phone

Application Area



Ordering Information

- **AP-IP120 IP Phone Hardware**
 - AP-IP120 IP Phone Main Body
 - RISC Microprocessor with Embedded DSP Architecture
 - LCD, Function KEY, Menu KEY
 - 12 Speed-Dial Key with Presence Indication LAMP
 - 2-ports 10/100Mbps Fast Ethernet
 - Optional FXO Interface Port for PSTN Backup
 - Optional PoE (Power over Ethernet)
 - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-IP120**
- **Including 1 Year Hardware Warranty**
- **Product Documents**
 - Install and Operation Guide (PDF)
- **Pricing**
 - AddPac Technology Regional Sales Manager
 - Authorized Sales and Marketing Representatives
 - Please Contact www.addpac.com



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com