

AP-IP230
Presence IP Phone

High Performance Broadband Convergence Network
IP Phone Solution



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

Contents

AP-IP230 Presence IP Phone

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



Product Overview

AP-IP230 Presence IP Phone

- IP Phone Solution
- Audio Broadcasting Solution
- High-performance Audio, and Voice Service
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection

Product Highlights

AP-IP230 Presence IP Phone



High-End IP Phone Solution

IP based Audio Broadcasting Support

5 Inch Color LCD Display Function Key, Menu KEY, Touch Screen based 25 Speed-Dial KEYs

Excellent Voice Quality G.723.1/G.729/G726/G711, etc

High Performance RISC CPU+ DSP

Head Set, High Quality Speaker Phone

Various Call Control Scenario Support (IP-PBX)

APOS™ Technology
Network Protocol

State-of-art Signaling H.323, SIP Dual Stack

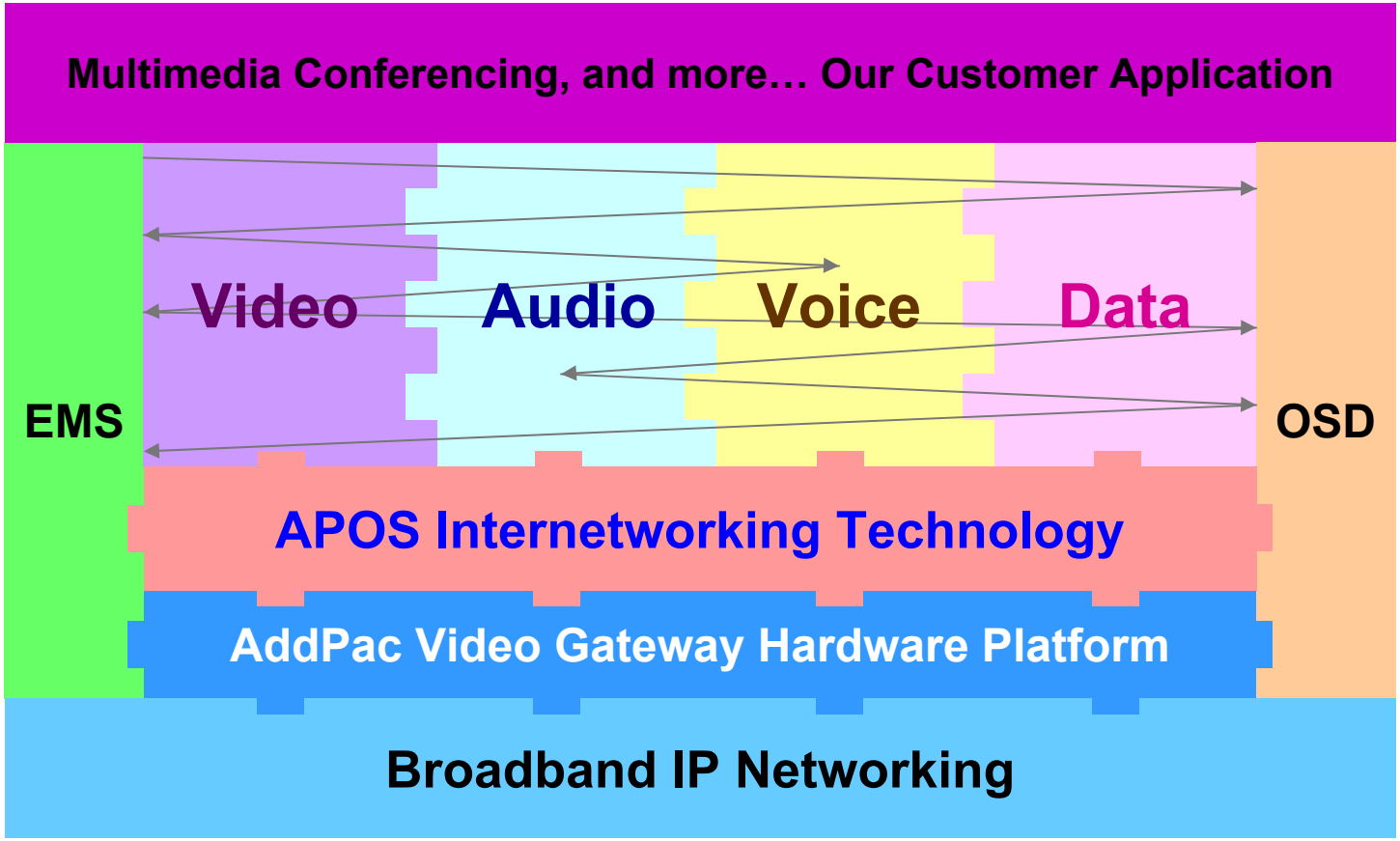
IP based Network Protocol & Video/Voice Traffic QoS

Broadband IP Networking With dual 10/100Mbps Ethernet

Optional PSTN Backup FXO Interface and PoE Function

Multimedia Service

AP-IP230 Presence IP Phone



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

Hardware Specification

AP-IP230 Presence IP Phone

- **RISC+DSP Microprocessor Computing Power (Dual Processor Architecture)**
- **High Quality 5 Inch Color LCD Panel**
- **Touch Screen based 25 Speed Dial Key & User Presence Features**
- **Optional PSTN FXO Backup Interface**
  - FXO Interface
- **Optional PoE (Power over Ethernet) Interface**
- **High quality Audio and Voice Interface**
  - Stereo Audio Input Connector
  - Stereo Audio Output Connector
- **Network Interface**
  - Two(2) 10/100Mbps Fast Ethernet
- **USB Host Mode Interface**
  - USB Memory(Flash, HDD), USB Keyboard, USB Mouse, USB Wifi
- **Power Supply**
  - Power over Ethernet
  - External Power Adaptor (5V, 3A)

Hardware Specification

AP-IP230 Presence IP Phone



5 Inch Color LCD
With touch screen

Soft Keys

Navigation Keys

Function Keys

Hardware Specification

AP-IP230 Presence IP Phone



Audio In/Out
for Headset

Hardware Specification

AP-IP230 Presence IP Phone



Power Inlet

Power Switch

LAN0 LAN1 FXO USB Interface

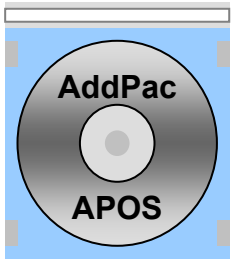
10/100Mbps Fast Ethernet

Handset Cable

Software Service

AP-IP230 Presence IP 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-IP230 Presence IP 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 Inter-working Support
- **High-performance Audio & Voice Codec Support**
  - Line IN/OUT : G.723.1,G.729, G.726, G.711 Audio Codec, etc
- **Enhanced QoS Management Features for Voice Traffics**

Network Service and Features

AP-IP230 Presence IP 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-IP230 Presence IP 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-IP230 IP Phone

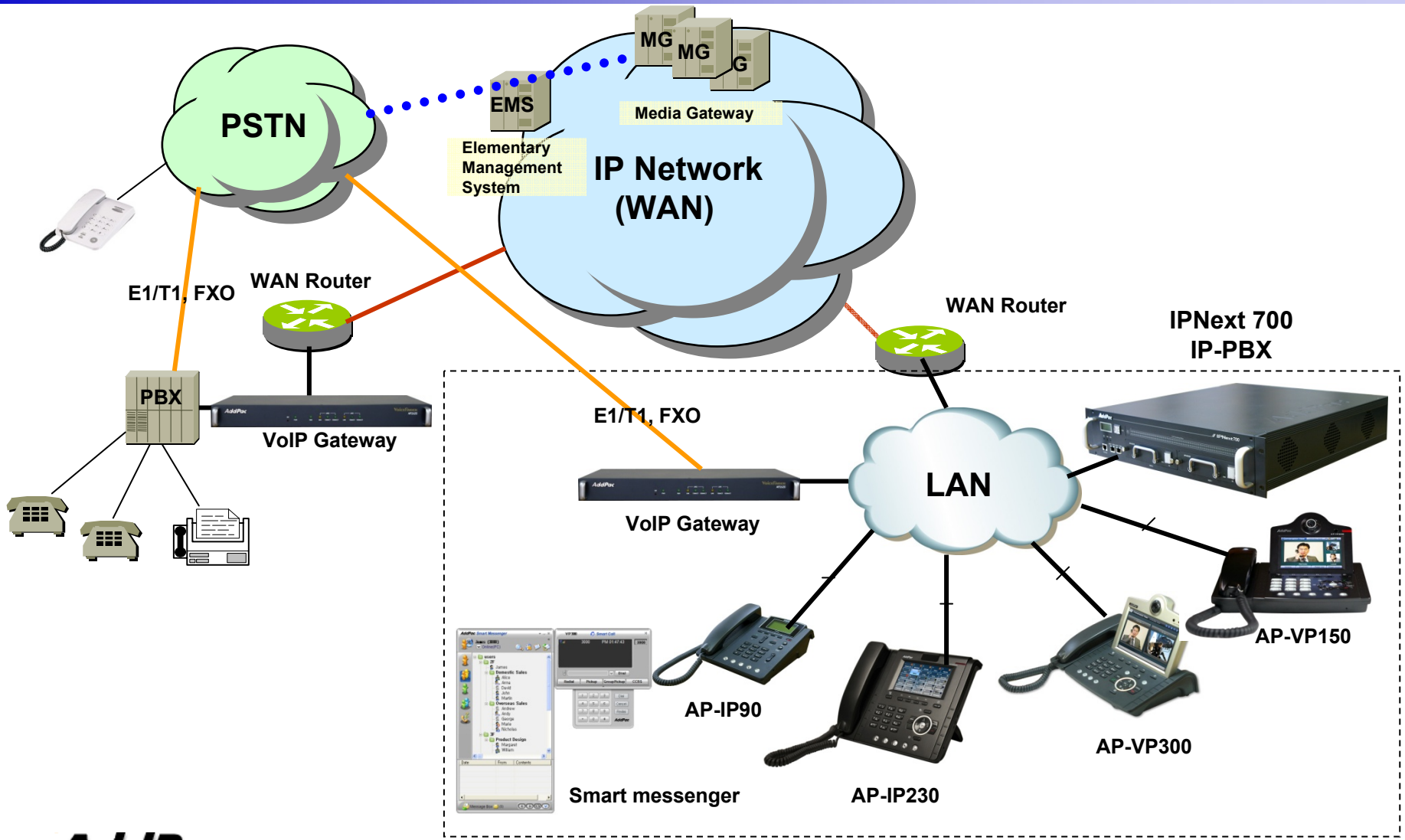
Application Area

- IP-PBX IP Phone Terminal (SIP, H.323, etc)
- Audio/Video Real-time Broadcasting
- Audio Conference



Standard IP-PBX Application

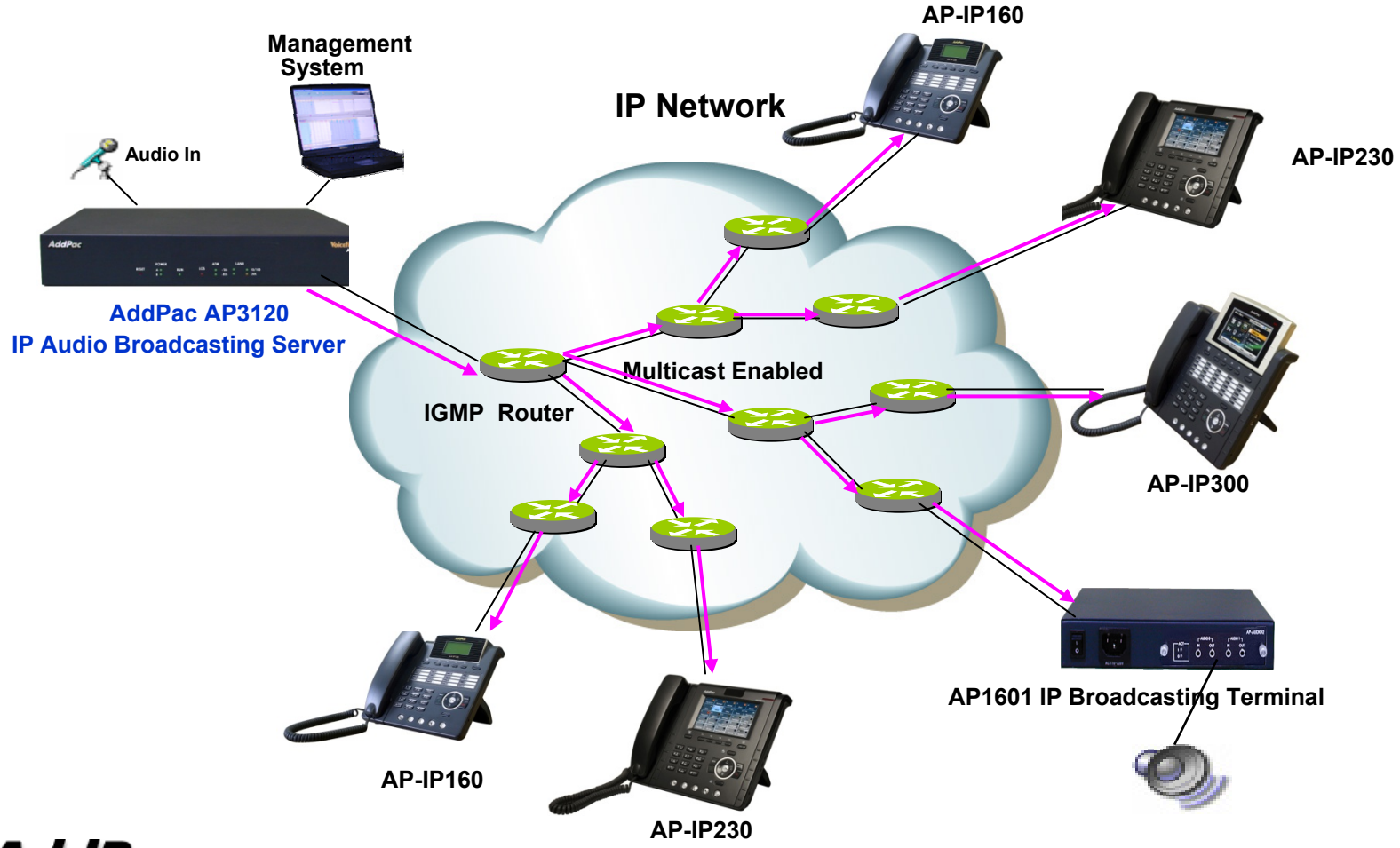
AP-IP230 Presence IP Phone



Audio Real-time Broadcasting

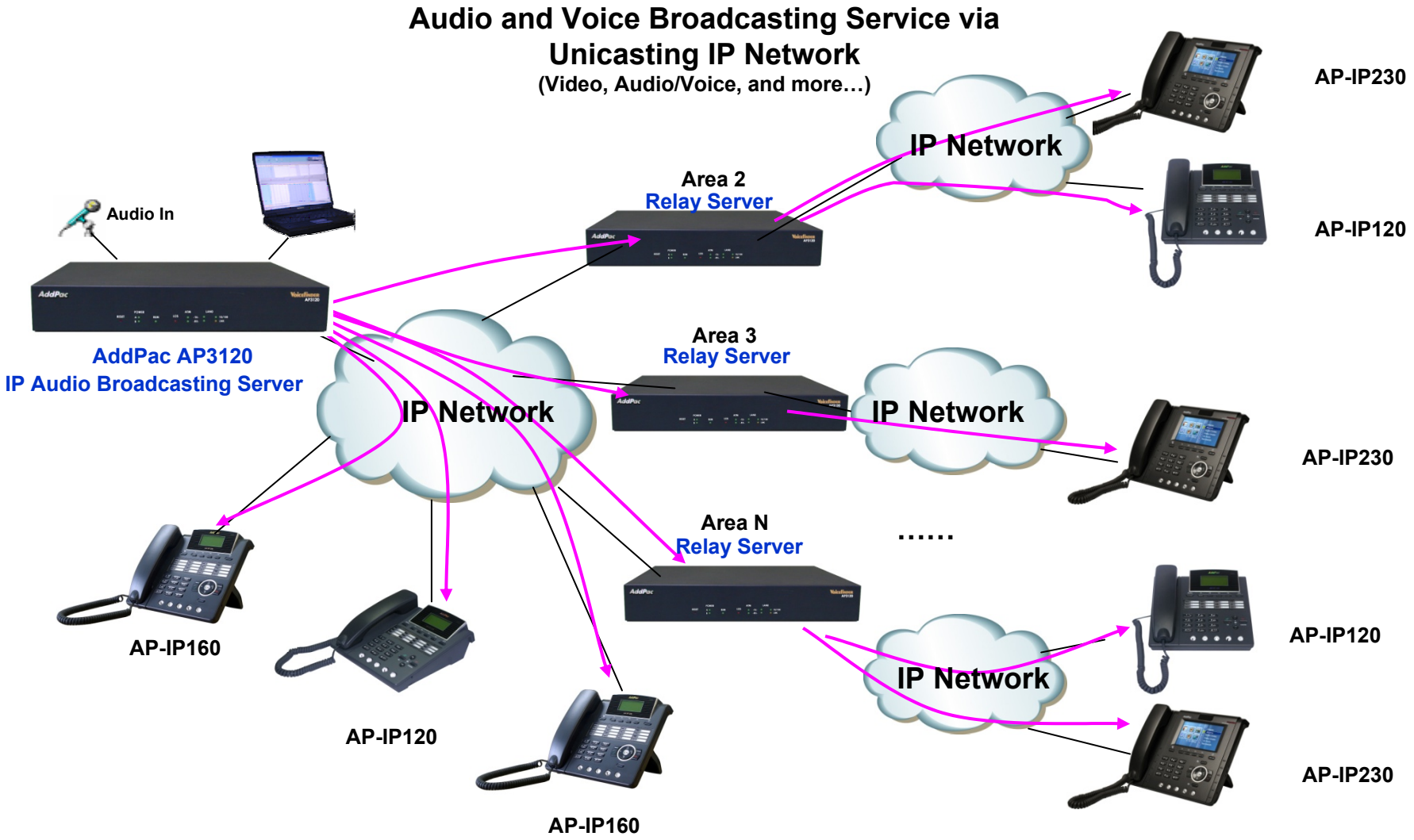
AP-IP230 Presence IP Phone

IP based Audio Broadcasting Service via Multicasting IP Network
(Video, Audio/Voice, and more…)



Audio Real-time Broadcasting

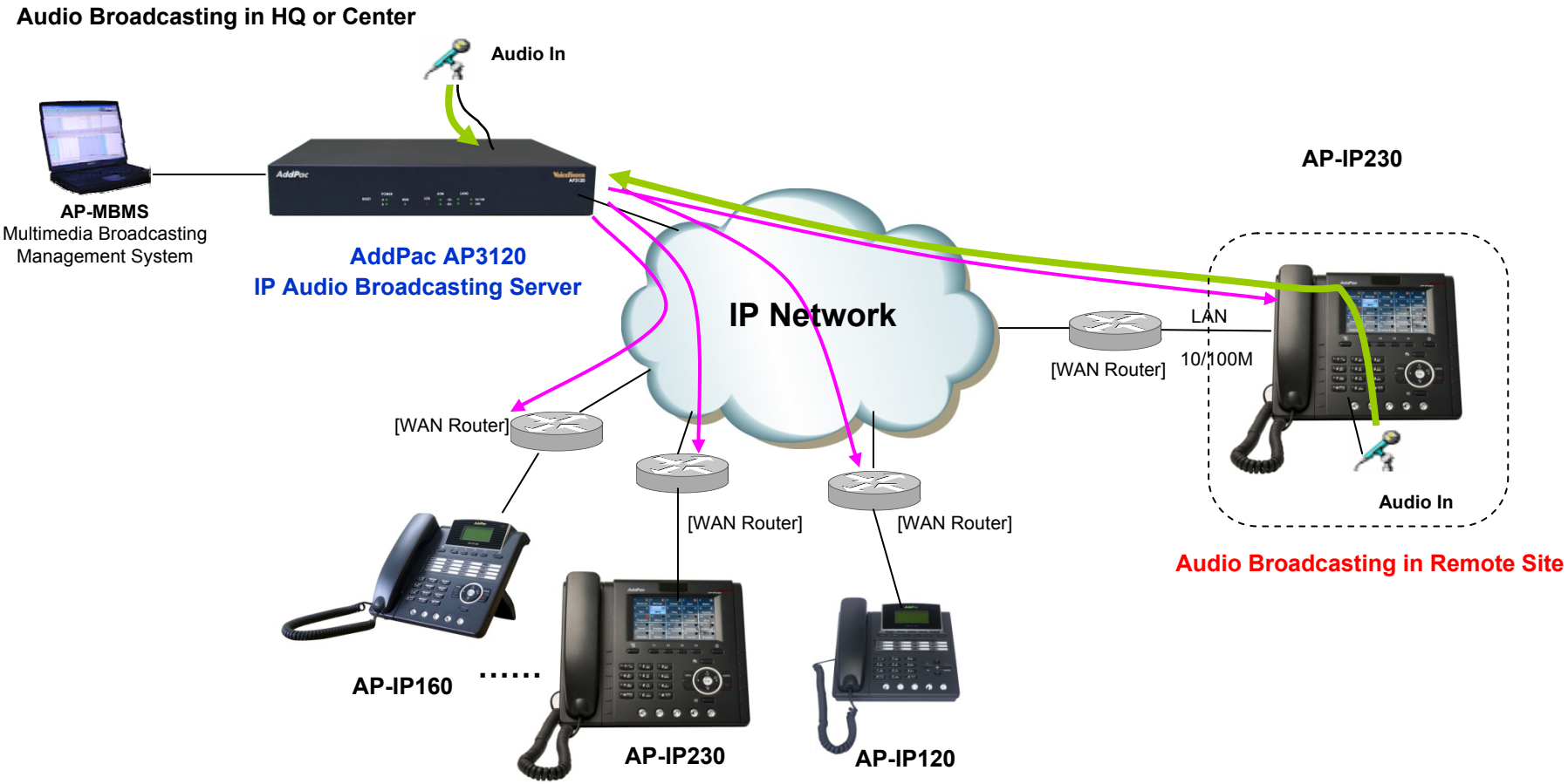
AP-IP230 Presence IP Phone



Audio Real-time Broadcasting

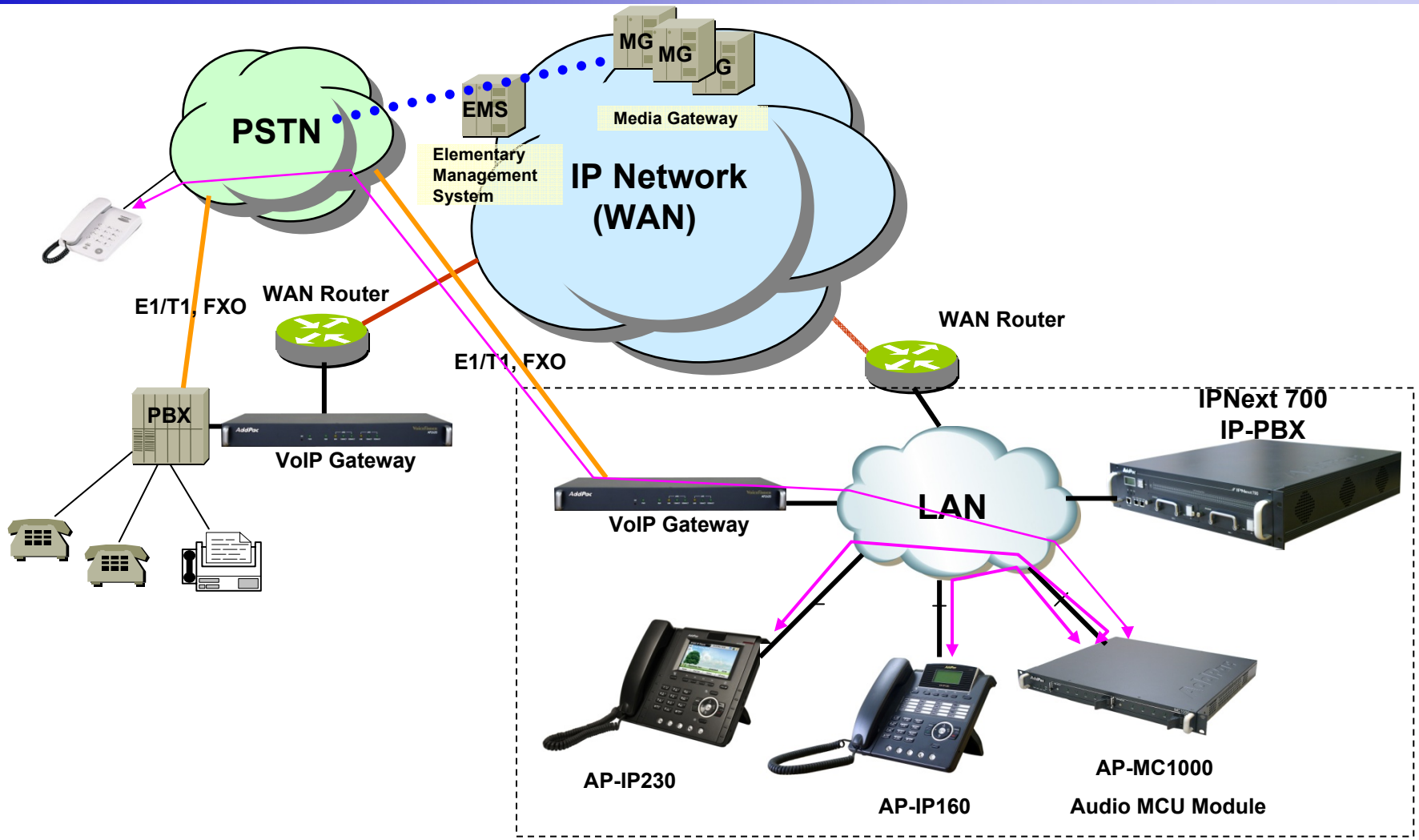
AP-IP230 Presence IP Phone

Remote Site Audio and Video Broadcasting Service
(Video, Audio/Voice, and more…)



Audio Conferencing (Audio MCU)

AP-IP230 Presence IP Phone



Ordering Information

- **AP-IP230 IP Phone Hardware**
  - AP-IP230 IP Phone Main Body
  - RISC Microprocessor with Embedded DSP Architecture
  - 5 Inch Color LCD, Function KEY, Menu KEY, Touch Screen
  - External 3.5mm Audio Input/Output
  - 2-ports 10/100Mbps Fast Ethernet
  - Optional FXO Interface Port for PSTN Backup
  - Optional PoE Interface
  - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-IP230**
- **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