

## AP3220 VoIP Broadcasting System

High-performance, VoIP based FAX Broadcasting system

# AddPac

### Product Highlights



### VoiceFinder AP3220 VoIP FAX Broadcasting System

VoiceFinder AP3220 VFBS (VoIP FAX Broadcasting System) provides high-performance VoIP based FAX (T.38 protocol) Broadcasting Solution including IP-routing services for bank, Securities, large enterprise, and government.

VoiceFinder AP3220 VFBS consists of network interface slot and analog voice interface slot. The analog voice interface slot is designed to support the analog line interface modules such as FXS for direct FAX machine Interface. The network interface slot supports the 2-Port Fast Ethernet interface and 2-Port Asynchronous interface Port for Console and Remote Access Management via Modem basically.

Also, the network interface slot is designed to support various network environments such as ATM and Serial. This features help to protect the investment due to user network environment's changing.

In addition, VoiceFinder AP3220 VFBS is designed to have users the greatest satisfaction with remarkable price versus performance.

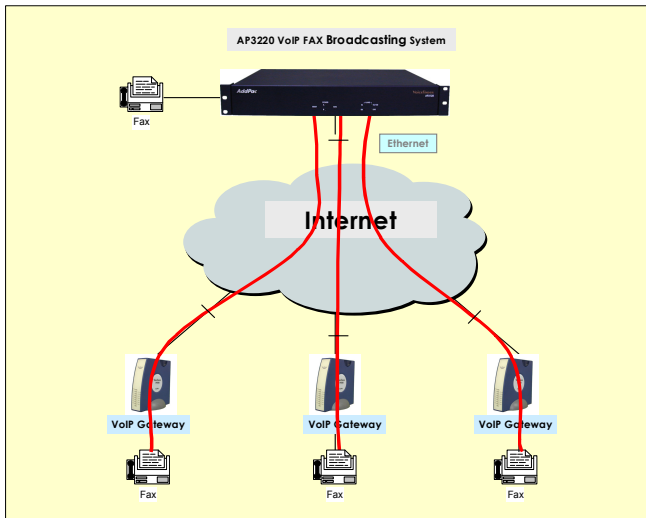
### APOS Internetworking Software for AP VoIP Gateway

AddPac PassFinder Operating System (APOS) is best router software to provide scalability, reliability, stability, and QoS for internetworking solutions. APOS also provides optimized performance and industry standard network functionality with easy-to-use, easy-to-installation, and maintenance.

The AP3220 VoIP FAX Broadcasting System provides best price-performance ratio and effective voice & data networking solution for customer satisfaction.

- Powerful 64bit RISC Microprocessor Architecture
- High-performance Network Modular Architecture
  - One(1) Network Interface Slot
  - One(1) Analog Voice Interface Slot
- Support Two(2) 10/100Mbps Fast Ethernet Interface
- Support Four(4) FXS FAX Broadcasting Interface
- Support VoIP based FAX (T.38 protocol) Broadcasting Management Features
- Window based FAX Broadcasting System Management feature
- Static, RIP v1/v2, OSPF v2, and IEEE 802.1Q VLAN Routing
- ITU-T H.323 v3 VoIP Protocol with ITU-T H.235 Security Feature
- Web based Management using HTTP sever
- Standard SNMP Agent (MIB v2) Support for Network Management
- Multi-protocol Routing Solutions between WAN and LAN Access with H.323 based VoIP Protocol
- AddPac APOS Internetworking Software to provide Scalability, Functionality, Stability, and QoS Control
- Remote Software Upgrade using FTP & TFTP
- Cisco Style Command Line Interface(CLI)
- Dual Power Supply Unit
- 1.5U x 19" Rack Mountable Chassis

## Network Diagram Using AP3220 VoIP FAX Broadcasting System



## Hardware Specification

### Microprocessor

- CPU 64bit RISC Microprocessor

### Memory

- Flash Memory 4Mbyte
- Main Memory 128M bps High-Speed SDRAM
- Boot Memory 512Kbyte Flash Memory

### Network Interface

- Fixed LAN Port Two(2) 10/100Mbps Ethernet Interface
- Fixed Async Serial Port Two(2) Asynchronous Serial Interface

### Voice Interface Modules

- FXS VoIP FAX Module 4 Port FXS FAX Interface

### Power & Operation Environments

- Power Requirement VAC 110~220V, 50/60Hz, 18Watt
- Operating Temperature 0°C to + 50°C (32° to 122°F)
- Storage Temperature -40°C to + 85°C (-40° to +185°F)
- Relative Humidity 5% to 95% (Non-condensing)

### Dimensions

- W X D X H (mm) 435mm X 205mm X 64mm
- Weight(kg) 4.45(kg)

## Support Protocols & Services

### Routing Protocols

- Static, RIP v1/v2
- OSPF v2, and IEEE 802.1Q VLAN Routing

### Voice over IP Service

- Support VoIP FAX Broadcasting Management Feature
- T.38 VoIP Fax Protocol Support
- ITU-T H.323 Gateway, Gatekeeper Support
- ITU-T H.323 v3 VoIP Protocol with ITU-T H.235 Security Feature

### Network Managements

- Standard SNMP Agent (MIB v2) Support
- Remote Management using Console, Rlogin, Telnet
- Web based Managements using HTTP Server
- Window based FAX Broadcasting features

### Security Functions

- Standard & Extended IP Access List
- IP packet filtering function
- Enable/Disable for Specific Protocols
- Multi-Level User Account Management
- Auto-disconnect for Telnet/Console Sessions

### Other Scalability Features

- DHCP Server & Relay Functions
- IP Accounting
- Transparent Bridging (IEEE Standard) Function
  - Spanning Tree Bridging Protocol Support
  - Remote Bridging Support
  - Concurrent Routing and Bridging Support
- Network Address Translation (NAT) Function
- Port Address Translation (PAT) Function
- Cisco Style Command Line Interface(CLI)
- Network time Protocol(NTP) Support
- Remote Upgrade for APOS Management using FTP/TFTP

### Ordering Information

- AP3220-01: AP3220 VoIP FAX broadcasting System Standard Configuration
  - One(1) Network Interface Slot
  - One(1) Voice Interface Slot
  - 64bit RISC CPU, 4MB Flash, 128MB SDRAM
  - APOS v5.xx with Operation Manual, Dual Power Supply Unit
  - Including CAB-LAN, CAB-CON
- AP-FXS4 : Four(4)-Port FXS VoIP FAX Broadcasting Interface Module
- CAB-LAN : RJ45 LAN Cable
- CAB-CON : RJ45 Serial Console Cable

## Contact Information

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