AddPac Technology
Network Equipments Series

AP2502 WAN-Router

High-performance, Compact Design

PassFinder AP2502 WAN Router

PassFinder AP2502 dedicated line router provides high-performance IP-routing connectivity for small enterprise, government and other public offices as well as Internet game room and Internet based cyber apartment. Moreover, PassFinder AP2502 router is able to guarantee almost 100% line utilization with E1/T1(2,048/1,544Mbps) data networking speed for high-speed Internet connectivity via WAN-to-LAN Routing.

In addition, AP2502 router supports various WAN protocols such as X.25*, PPP, Frame-Relay, HDLC, including Static, RIP v1/2, OSPF v2 routing protocols and network management features such as SNMP MIB v2, CLI, etc. This router is typically fixed configuration with the following interface: 10/100Mbps fast Ethernet, synchronous serial ports (V.35 serial interface), asynchronous serial Port for console. Optional 1-Port Dial Backup Async Serial Interface, Optional 1-Port xDSL Load Sharing 10Mbps Ethernet Interface.

APOS Internetworking Software for AP Router

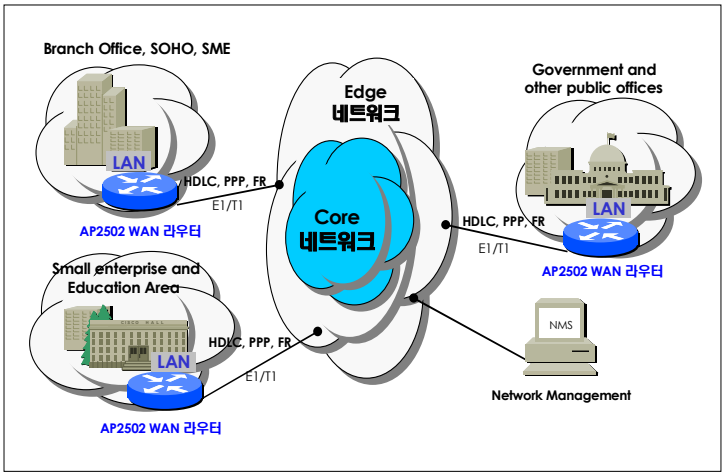
AddPac PassFinder Operating System (APOS) is best **Router** software to provide scalability, reliability, stability, and QoS for internetworking solutions. APOS also provides optimized performance and industry standard network functionality with easy-to-use, easy-to-installation, and maintenance.

The AP2502 WAN router provides best price-performance ratio and effective networking solution for customer satisfaction.

Product Highlights

- Standard WAN-to-LAN Router for Data Networking Applications
- Multi-protocol Routing Solutions between WAN and LAN Access
- Powerful 32bit RISC Microprocessor Architectures
- Fixed a Single Fast Ethernet & Dual Serial Ports for E1/T1 Data Link
- Optional Fixed 1-Port Async Serial Interface for Dial Back-up Service Support (DB9)
- Optional Fixed 1-Port 10Mbps Ethernet Interface for xDSL Load Sharing Service Support (RJ45)
- AddPac APOS Internetworking Software to provide Scalability, Functionality, Stability, and QoS Control for AddPac Router
- High-performance IP-Routing Capability with Reliability
- Static, RIP v1/2, and IEEE 802.1Q VLAN Routing Protocols
- Traffic Queuing, F/R Flow Control
- SNMP v2 for Network Management Features
- Web based Management
- Standard & Extended Access List for Security Functions
- Essential Scalability Features such as DHCP Server & Relay, NAT/PAT, IEEE Transparent Bridging, IP Accounting, and Debugging/Diagnostics, etc.
- Remote Software Upgrade using FTP & TFTP
- Cisco Style Command Line Interface(CLI)
- Standard 19" Rack Mountable Chassis

Network Diagram Using AP2502 WAN Router



Hardware Specification

Microprocessor

• CPU	32bit RISC Microprocessor

Memory

• Flash Memory	4Mbyte
• Main Memory	32M bps High-Speed SDRAM
• Boot Memory	512Kbyte Flash Memory

Network Interface

• Fixed WAN Port	Two(2) E1/T1 Serial Port
• Fixed LAN Port	One(1) 10/100Mbps Ethernet
• Console Port	One(1) RS-232C Interface
• Dial Back-up Port	One(1) Async Serial Ethernet (Option)
• xDSL Load Sharing Port	One(1) 10Mbps Ethernet Interface (Option)

Power & Operation Environments

• Power Requirement	VAC 110~220V, 50/60Hz, 15Watt
• Operating Temperature	0°C to + 45°C (32° to 112°F)
• Storage Temperature	-40°C to + 85°C (-40° to 176°F)
• Relative Humidity	5% to 95% (Non-condensing)

Dimensions

• H X W X D (mm)	44mm X 439mm X 207mm (19" Rack Mountable Chassis)
• Weight(Kg)	3.5Kg

Support Protocols & Services

IP Routing Protocols

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

WAN Protocols

• X.25* Standard Protocol Support
• Point-to-Point Protocol(PPP)
• Frame-Relay PVC with Inverse ARP
• High-level Data Link Control(HDLC) Protocol
• HDLC Encapsulation (Interoperability with CISCO HDLC)

Network Managements

• Standard SNMP Agent (MIB v2) Support
• Traffic Queuing and Frame-Relay Flow Control
• Remote Management using Console, Rlogin, Telnet
• Web based Managements using HTTP Server

Security Functions

• Standard & Extended IP 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 Supports
  – Password Authentication Protocol(PAP)
  – Challenge Handshake Authentication Protocol (CHAP)

Operation & Managements

• System Performance Analysis for Process, CPU, Connection I/F
• Configuration Backup & Restore for APOS Managements
• Debugging, System Auditing, and Diagnostics Support
• System Booting and Auto-rebooting with Watchdog Feature
• System Managements with Data Logging
• IP Traffic Statistics with Accounting

Other Scalability Features

• 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
• System Managements with Data Logging
• Cisco Style Command Line Interface(CLI)
• Load Balancing Support
• Network time Protocol(NTP) Support
• Remote Upgrade for APOS Management using FTP/TFTP

Ordering Information

• AP2502-01 : AP2502 WAN Router Standard Configuration
  - Two(2) Serial(WAN),One(1) Fast Ethernet, Console
  - 32bit RISC CPU, 4MB Flash, 32MB SDRAM
  - APOS v3.xx with Operation Manual
  - Including CAB-V35, CAB-LAN, CAB-CON
•2502-Dial Back-up : One(1) Async Serial Interface
•2502-xDSL Load Sharing : One(1) Ethernet Interface
•CAB-V35 : V.35 DTE Cable
•CAB-LAN : RJ45 Ethernet Cable
•CAB-CON: RJ45 RS-232C Console Cable

Contact Information

Web site : http://www.addpac.com
E-mail : info@addpac.com

AddPac Technology Co., Ltd.
3F, Jeong-Am Bldg., 769-12, Yeoksam-Dong
Kangnam-Gu, Seoul, 135-080, KOREA
Phone +82 2 568 3848
Fax + 82 2 568 3847