

PX0240 Multi-Function Gateway / ADSL / SIP / IP PBX / Router

PBX Features

- Up to 20 Exterior VoIP Lines
- Up to 100 Local Registered SIP Clients
- Voice Mail for Each Local User
- Voice Mail to e-Mail
- Interactive Voice Response to Check Voice Mail
- Customizable Switchboard
- Provide PSTN Failover during Power Failure
- Lifeline Support (Emergency Number Automatically Routed to PSTN)



Ethernet

- 10/100 Ethernet Auto-Sensing
- Up to 4-Port Ethernet
- Auto-Detect Straight-Through or Crossover

Wireless

- 802.11b/g
- WEP 40 bits and 104 bits
- 802.1x
- WPA
- Multiple SSID
- RF Power: 20dBm
- Antenna Type: External with Diversity

ADSL

- Standards: T1.413, G.DMT (992.1), ADSL2, ADSL2+
- Auto-negotiate between T1.413, G.DMT, ADSL2, ADSL2+
 - ADSL2+ Extended Bandwidth (24 Mbps)
 - 8 Mbps x 1,024 Mbps in G.DMT Mode
 - Up to 8 PVCs

Framing / Encapsulation

- PPPoA
- PPPoE
- RFC 1483 Bridging
- RFC 1483 Routed

IP

- Dynamic IP Support
- Static IP Support
- DHCP Server and Client
- Advanced NAT Engine
- IP Subnets, including All "0's" and All "1's"
- RIP and RIP 2
- DMZ Hosting

VPN

- VPN Termination (IPSec)
- VPN Termination (PPTP)
- IPSec Pass-through

Filtering/Access Control

- IP Port and Port Range Filtering
- MAC Filtering and Tracking
- Application Filtering (Single and Range) on LAN
- Firewall Logging
- LAN Sub-Grouping and Isolation: Create Isolation between WLAN and Ethernet Ports
- 802.1x and RADIUS Client

CPE Configuration

- GUI Interface through Web Browser
- SNMP Support
- uPnP
- Telnet
- TFTP
- SSH
- User Firmware Update through Web Interface

VoIP Support

- 2 RJ-11 Analog VoIP Ports Built-In (1FXS/1FXO)
- SIP Proxy
- Codec: G.711, G.729a/b, G.723.1
- Line Echo Cancellation: G. 168 Compliant
- Voice Activity Detection
- Comfort Noise Generation
- Silence Suppression
- Dynamic Jitter Buffer
- FAX Support
- DTMF Support
- Class of Service through Tagging
- Type of Service