ADSL2+ 4Port Modem with WiFi

6218-I2-xxx

ADSL2+ 4 Port WiFi Bridge/Router

- ✓ *Auto-connect feature will automatically detect the first usable PVC and automatically detect PPPoE, PPPoA, and Bridge Protocol(with DHCP Server available)*
- ✓ *Configurable as either a Bridge or Router*
- ✓ *802.11b/g Wireless Access Point*
- ✓ *IGMP v1/v2 support for video deployments*
- ✓ *Filter traffic based on Destination or Source IP Address and MAC Addresses*
- ✓ *Traffic Class Rules based on Protocol, Source IP, Source Port, Destination IP, Destination Port, 802.1p*
- ✓ *Single Click DSL test - Tests Ethernet connection and ADSL Synchronization along with ATM OAM F5 segment pings and end-to-end pings.*

The 6200 ADSL2 + family of endpoints deliver the required performance for multimedia applications at very competitive price points. The 6200 ADSL2 + endpoints, in compact form factor, have been successfully used for residential, business, in-building deployments such as hotel/motel, temporary housing, and dormitory-campus installations for high-speed internet access (HSIA) and video-on-demand services.

The Zhone 6200 ADSL2 + endpoints are easily user-installed. The embedded web-based user interface is designed to simplify ADSL deployment. All products provide an Ethernet connection that is auto-sensing, eliminating the worry about connection cable type (straight-through vs crossover).

DELT or Dual End Loop Test, is a feature that is present the 6200 Family of ADSL2 + CPEs. DELT is primarily used for reactive tests on a loop after a modem has been deployed—either to help troubleshoot a line or to capture a baseline of loop characteristics at the time of installation. Because DELT is a dual-ended test, it requires equipment that supports the DELT feature at both ends of the copper loop. While this prevents DELT from being used on loops where no CPE has yet been deployed, DELT in turn offers a deeper set of loop tests, and can provide very valuable information on the condition of a copper loop.

Default settings make for a quick and easy installation that doesn't require any configuration.

The modem, when operating in router mode, support DHCP Server/Relay/Client, NAPT, as well as RIP, dynamic routing, port forwarding, and static routing. For security, firewall functions including PAP/CHAP authentication and IP filtering are supported.

DATASHEET

ADSL2+ 4Port Modem with WiFi

Technical Specifications

Dimensions

- 1.2" (3.0cm) High x 6.5" (16.5cm) Wide x 4.4" (11.2cm) Deep

Weight

- 1.5 lbs (0.7 kg)

Power

- 100 VAC, 50 Hz
- 110 VAC, 60 Hz
- 220 VAC, 50/60 Hz

Interfaces

- DSL Line: RJ11
- Ethernet: 4 Port 10/100BaseT
- Wireless: 802.11b/g

Wireless Support

- Supports IEEE 802.11b and 802.11g simultaneously
- Conforms to Wireless Ethernet Compatibility Alliance (WECA)
- Modulation: DFDM with BPSK, QPSK, 16QAM, 64QAM, D8PSK
- Wireless Media Access Protocol: CSMA/CA with ACK
- Supports network authentication: Open, Shared (WEP 16-bit or 128-bit), 802.1X, WPA, WPA-PSK, WPA2, WPA2-PSK, Mixed WPA2/WPA, Mixed WPA2/WPA-PSK
- Wireless MAC Filter
- AP Isolation - Wireless clients can not communicate with each other when enabled
- Xpress Technology - can improve aggregate throughput by up to 75% in mixed networks.

Standards Support

- ATM Support
  - ITU-T I.610 F4/F5 OAM Send and Receieve/Loop back
  - Support for 8 PVC's
  - RFC 1483/2684 (Bridged/Routed Ethernet over ATM)
- Routing/Bridge Support
  - Transparent Bridge Support
  - DHCP Server/Relay/Client
  - DNS Relay Agent
  - Dynamic DNS Support
  - DMZ support
  - Static Routing
  - RIPv1 and RIPv2
  - Policy based QoS (TOS, 802.1p, Source/Destination IP Address, Source/Destination Port, Protocol)
  - IGMP v1/v2
- PPP Support: PPPoA, PPPoE, PAP/CHAP authentication
- Security
  - NAT for Basic Firewall support
  - Ingress and Egress Packet Filtering
  - Parental Control
  - MAC Filtering
  - Stateful Packet Inspection
- DELT support

Protocol Support

- ANSI T1.413 (Full Rate ADSL)
- ITU G.992.1 (DMT)
- ITU G.992.2 (G.lite)
- ITU G.992.3 (ADSL2)
- ITU G.992.5 (ADSL2+)
- ITU G.994.1 (G.hs)
- ITU G.997.1
- Annex L
- Annex M

Management

- Web-based Configuration GUI
- CLI
- Telnet Remote Management
- FTP/TFTP firmware upgrade and configuration backup/restore
- Syslog Support
- TR-069

Regulatory Compliance

- FCC Part 15, Part 68
- CE
- UL
- TUV

Operating Requirements

- Operating Temperature: 32° F to 104° F (0° C to 40° C)
- Storage Temperature: –4° F to 149° F (–20° C to 65° C)
- Humidity: 5% to 95%, non-condensing
- Channels 1 ~ 14
- Total Transmission Power (EIRP) 18dbm
- Range ~100ft
- Frequency Range ~ 2.400 - 2.480GHz

Ordering Information

6218-I2-200	ADSL2+ CPE Router, 802.11G WiFi, N.A.
6218-I2-300	ADSL2+ CPE Router, 802.11G WiFi, U.K.
6218-I2-302	ADSL2+ CPE Router, 802.11G WiFi, EURO
6218-I2-304	ADSL2+ CPE Router, 802.11G WiFi, India
6218-I2-600	ADSL2+ CPE Router, 802.11G WiFi, Japan

ZHONE

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