

ADSL2+ Single Port Modem

6211-11-xxx



ADSL2+ Single Port Bridge/Router with USB

Overview

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 Paradyne 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.

Features

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

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.

Integrated telephone filter

Configured through easy-to-use web interface

DELT - Integrated Loop Testing for Line troubleshooting

Specifications

Dimensions

1.2"(3.0cm) high x 6"(15.2cm) wide
x 4.4"(11.8cm) deep

Weight

1.5lbs (0.7kg)

Power

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

Interfaces

DSL Line: RJ11
Phone: RJ11 (with integrated
phone filter)
Ethernet: 10/100BaseT
USB 1.1

Standards Support

ATM Support
- ITU-T I.610 F4/F5 OAM Send and
Receive/Loop back
- Support for 8 PVC's
- RFC 1483/2684 (Bridged/Routed
Ethernet over ATM)

Security

- NAT for Basic Firewall support
- Ingress and Egress Packet
Filtering
- Parental Control
- MAC Filtering
- Stateful Packet Inspection

DELT support

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)

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
SNMP Support
FTP/TFTP firmware upgrade and
configuration backup/restore
Syslog Support

Regulatory Compliance

FCC Part 15, Part 68
CE
UL
TUV

Operating Requirements

Operating Temperature: 32F to
104F (0C to 40C)
Storage Temperature: -4F to
149F (-20C to 65C)
Humidity: 5% to 95%, non-
condensing

Ordering Information

6211-I1-200 ADSL2+ CPE Router (Broadcom), 10/100BaseT, N.A.
6211-I1-300 ADSL2+ CPE Router (Broadcom), 10/100BaseT, U.K.
6211-I1-302 ADSL2+ CPE Router (Broadcom), 10/100BaseT, EURO
6211-I1-304 ADSL2+ CPE Router (Broadcom), 10/100BaseT, India
6211-I1-330 ADSL2+ CPE Router Annex B (Broadcom), 10/100BaseT, U.K.
6211-I1-332 ADSL2+ CPE Router Annex B (Broadcom), 10/100BaseT, Euro