



## VoicePath ADSL6500-432 Broadband ADSL Bridge/Router

**CyberPath VoicePath ADSL6500-432** is an ADSL/ADSL2 series of customer premise device, and **ADSL6500-432** supports ADSL2+ as well. **ADSL6500-432** provides a 10/100BaseTX Ethernet interface at the LAN side. Featuring per-port PVC function, quality of service (QoS) can be easily achieved for real-time multimedia services. With embedded firewall **ADSL6500-432** deliver secure broadband internet access for enterprise, telecommuters, home and remote office workers with high speed data transmission requirement.

### Features

- High speed asymmetrical data transmission on a single twisted copper pair: 1 Mbps upstream and 8 Mbps downstream rates
- ADSL2+ compliance rates downstream link up to 24 Mbps
- Compliant with G.992.1, G.992.2, G.992.3, G.994.5 and T1.413 Issue 2
- Interchangeable between Bridge and Router mode
- RFC 2684/1483 Bridged and Routed PDU encapsulated over ATM over ADSL supporting bridging MER, IPoA, PPPoA and PPPoE
- Four 10/100BaseTX Ethernet ports switch HUB for PC or LAN connection
- Automatic MDI/MDIX crossover for 100BASE-TX and 10BASE-T ports
- Compatible and interoperable with major Central Office side ADSL DSLAM or Multi-service Access System
- Configuration and management with local Telnet through the Ethernet interface and remote Telnet through ADSL interface
- Firmware upgradeable through TFTP, FTP, HTTP

# VoicePath ADSL6500-330 Broadband ADSL Router Specifications

HARDWARE	SOFTWARE	Ordering Information
<ul style="list-style-type: none"><li>■ LAN Interface<ul style="list-style-type: none"><li>• Four ports 10/100BaseT Ethernet switch HUB, IEEE 802.3u</li><li>• Connector: RJ-45</li></ul></li><li>■ WAN ADSL Line Interface<ul style="list-style-type: none"><li>• Compliance: ITU G.992.1, G.992.2, G.992.3, G.992.5 and ANSI T1.413 Issue 2</li><li>• Line Impedance: 100 <math>\Omega</math></li><li>• Connection Loops: One Pair (2-wire)</li><li>• Connector: RJ-11</li></ul></li><li>■ Indicators<ul style="list-style-type: none"><li>• PWR -- Green LED, indicates power and operation</li><li>• LAN -- Green LED, indicates local interface link status</li><li>• ACT -- Green LED, indicates data Transmitting / Receiving</li><li>• WAN -- Green LED, indicates ADSL data link</li><li>• ALM -- Red LED, indicates an internal error, blinking while booting up</li></ul></li><li>■ OAM&amp;P<ul style="list-style-type: none"><li>• Local: Telnet or Web management via Ethernet</li><li>• Remote: Telnet or Web Management</li></ul></li><li>■ Environment<ul style="list-style-type: none"><li>• Operation Temperature: 0°C ~ 45°C</li><li>• Operation Humidity: 5% ~ 95%</li><li>• Storage Temperature: -20 ~ 85°C</li><li>• Storage Humidity: 5% ~ 95%</li></ul></li><li>■ Power<ul style="list-style-type: none"><li>• AC Adapter: Input 110/220VAC, 50/60Hz; Output 15VAC 1A</li><li>• Power Consumption: Less than 11 Watts</li></ul></li><li>■ Physical Dimensions<ul style="list-style-type: none"><li>• (W x D x H) 180mm x 143mm x 42mm</li></ul></li><li>■ Certificate<ul style="list-style-type: none"><li>• CE, CB</li></ul></li></ul>	<ul style="list-style-type: none"><li>■ ATM<ul style="list-style-type: none"><li>• ATM Cells over ADSL, AAL5</li><li>• Bridge mode: Supports 8 PVCs</li><li>• Router mode: Supports 5 PVCs</li><li>• Supports UBR, CBR, VBR-nrt and VBR-rt</li><li>• ATM Forum UNI 3.0, UNI 3.1, UNI 4.0</li><li>• ILMI 4.0</li><li>• Payload encapsulations:<ul style="list-style-type: none"><li>➢ RFC 2684/1483 Multiprotocol over ATM Adaptation Layer 5</li><li>➢ RFC 2225/1577, Classical IP and ARP over ATM (IPoA)</li><li>➢ RFC 2364, PPP over AAL5 (PPPoA)</li></ul></li></ul></li><li>■ Bridging<ul style="list-style-type: none"><li>• Transparent Bridging (IEEE 802.1d) and Spanning Tree Protocol</li><li>• RFC2684(1483) Bridged PDU encapsulation</li><li>• IP and PPPoE packet filtering</li><li>• ZIPB (Zero Installation PPP Bridge)</li></ul></li><li>■ Routing<ul style="list-style-type: none"><li>• IP routing, RIP1, RIP2 and static routing</li><li>• PPPoE, IP, and PPP over ATM</li><li>• PAP and CHAP</li><li>• RFC2684 (RFC1483) Routed</li><li>• NAT/PAT with extensive ALG support</li><li>• DNS relay</li><li>• Multihoming (IP Aliasing) and unnumbered IP interface</li></ul></li><li>■ Configuration and Network Management features<ul style="list-style-type: none"><li>• DHCP client and server for IP management</li><li>• Telnet for local or remote management</li><li>• TFTP, FTP or HTTP for firmware upgrade and configuration</li><li>• Web-based configuration and management</li><li>• SNMP v1, v2, and v3 Agent</li><li>• SNMP MIB II</li><li>• DSL MIB</li><li>• ATM MIB</li><li>• UPnP Internet Gateway Device (IGD v1)</li></ul></li></ul>	<p>V00-11121-01:VoicePath ADSL6500-432 Broadband ADSL Bridge/Router</p>

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**CyberPath Inc., 377 Hoes Lane, Piscataway, New Jersey 08854, [www.cyberpath.com](http://www.cyberpath.com)**

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