



## Our Products and Solutions



### VoicePath ADSL6510 Broadband WIRELESS ADSL Router

**CyberPath VoicePath ADSL6510** is an ADSL/ADSL2 series of customer premise device, and **ADSL 6510** supports ADSL2+ in addition. **ADSL6510** provides four 10/100BaseTX Ethernet interfaces and 802.11g WLAN 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 **ADSL6510** delivers secure broadband Internet access for enterprises, telecommuters, home, and remote office workers with high-speed data transmission requirements

#### Features

- High speed asymmetrical data transmission on a single twisted copper pair : 1 Mbps upstream and 8 Mbps downstream rates
- ADSL2+ compliance raises down stream link up to 24 Mbps
- Compliant with G.992.1, G.992.3, G.992.3, G992.4, G.994.5 and T1.413 Issue 2
- Interchangeable between Bridge and Router mode
- RFC 2684/1483 Bridged and Routed over ATM over ADSL, supporting bridging MER, IPoA , PPPoA and PPPoE
- Build-in four-port 10/100BaseTX Ethernet switch 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 or HTTP
- 802.11g WLAN supports up to 54Mbps
- Supports Wi-Fi WPA

## VoicePath ADSL6100 Broadband WIRELESS ADSL Router Specifications

<p><b>HARDWARE</b></p> <ul style="list-style-type: none"> <li>■ Local Interface             <ul style="list-style-type: none"> <li>• Four 10/100BaseT Ethernet ports, IEEE 802.3u</li> <li>• Connector: RJ-45</li> <li>• Integrated 802.11g WLAN Access Point</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, G992.4, G.994.5 and ANSI T1.413 Issue 2</li> <li>• Line Impedance: 100 Ω</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, "On" while the power supply is properly connected.</li> <li>• WLAN -- Green LED, "Blink" while training with DSLAM and "On" when ADSL link is ready.</li> <li>• LAN -- Green LED, "On" while indicating either Ethernet port connect.</li> <li>• WAN -- Green LED, "Blink" while training with DSLAM and "On" when ADSL link is ready.</li> <li>• ALM -- Red LED, "Blink" while booting up and "On" when there is an error. Continuous "On" indicates internal error.</li> </ul> </li> <li>■ OAM&amp;P             <ul style="list-style-type: none"> <li>• 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>■ Certificates             <ul style="list-style-type: none"> <li>• CE, CB</li> </ul> </li> </ul>	<p><b>SOFTWARE</b></p> <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, nrt-VBR and rt-VBR</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 Encapsulation over ATM Adaptation Layer 5</li> <li>➤ RFC 2225/1577, Classical IP and ARP over ATM (IPoA)</li> <li>➤ RFC 2225 PPP over ATM PVC</li> </ul> </li> </ul> </li> <li>■ Bridging             <ul style="list-style-type: none"> <li>• Transparent Bridging (IEEE 802.1d)</li> <li>• RFC2684 (RFC1483) Bridged</li> <li>• Spanning Tree Protocol (IEEE 802.1d)</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>• IP multicasting, IGMP and IGMP proxy</li> <li>• Multihoming (IP Aliasing)</li> </ul> </li> <li>■ Wireless             <ul style="list-style-type: none"> <li>• WEP: 64 or 128 bits key length</li> <li>• WPA (Wi-Fi Protected Access) in PSK mode or using EAP with RADIUS</li> <li>• Access control list based on MAC address</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>■ Configuration and Network Management             <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, 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>• WLAN MIB</li> <li>• TR037-compliant auto-configuration using ILMI</li> <li>• UPnP Internet Gateway Device (IGD v1)</li> </ul> </li> </ul> <p style="text-align: center;"><b>Ordering Information</b></p> <p>V00-11122-01:VoicePath ADSL6510 Broadband WIRELESS ADSL Router</p>
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