Combine ITU/ETSI standards-based transmission with high speed networking, and deliver broadband IP access with Patton’s Model 3201 DiamondLink™ G.SHDSL Router.

**G.SHDSL High-Speed Router**

**Patton Model 3201 DiamondLink Router**

Combining standards-based ITU/ETSI G.SHDSL transmission with high speed IP routing, the Model 3201 DiamondLink is perfect for bandwidth intensive applications such as LAN-to-LAN networking, multimedia services, and e-commerce transactions.

Based on the International Telecommunications Union (ITU) and European Telecommunications Standardization Institute (ETSI) G.SHDSL G.991.2 standard, the Patton Model 3201 DiamondLink router enables providers to extend their reach-and-range by delivering rate-adaptive nx64 symmetrical speeds from 192 kbps to 4.6 Mbps—all over a single pair of wires.

The Model 3201 offers easy installation and turn-up. With G.hs support for auto-line configuration and ATM, PPP, or Frame Relay, the Model 3201 offers simple interfacing to any network. Its standard IP feature set provides bridging and routing functionality along with advanced IP features like NAT and Firewall, and optional IPSec-based VPN. Get point-and-click control with the Model 3201’s built in HTTP/SNMP management interfaces.

As part of Patton’s family of ipDSL products, the Model 3201 offers a complete, managed, end-to-end system when used with Patton’s central site (ipDSLAM) equipment. With these features the Model 3201 offers the clear and easy choice for mission-critical networking.

For more information, visit us at www.patron.com.
Why use our Model 3201?

The Patton Model 3201 DiamondLink IP-GSDSL Broadband router delivers all the advanced features for secure, reliable, and high-speed Internet data connections. It cost-effectively combines ease-of-use with powerful data routing to make shared Internet connectivity simple and easy.

With NAT support, the Model 3201 offers convenient and economical operation by using a single IP address while the integrated DHCP server automates IP address assignment for connected LAN computers. Security is standard with built-in firewall and violation alerting features that protect the network from would-be intruders.

Patton stands behind our products—we are the only company in the industry offering free configuration support, free technical services, and a minimum of a one-year warranty on all our products.

Specifications

**Protocol**
- Supported DSL: G.SHDSL
- ATM Encapsulation: Native PPP/Frame Relay, Bridging, PPPoE, IPoATM
- NAT/Multi-NAT DHCP: Yes
- Stateful Firewall: Yes
- Security Alerts: Yes
- Status LEDS: Yes
- Ethernet Cross-Over Switch: Yes
- Built-In Web Mgmt: Yes
- Tech Support: FREE
- Software Upgrade: FREE
- Compact Size: Compact
- Red Value: YES

**Environment**
- Temperature: 32-122°F (0-50°C)
- Humidity: 5-90%, non-condensing

**Dimensions**
- 4.76W x 1.52H x 5.0L in. (12.19W x 3.9H x 12.7L cm)

**Compliance**
- FCC Part 15A
- CE Mark
- Low Voltage Directive 73/23/EEC

**Power Supply**
- External universal 90-240 VAC input or +48 VDC

**Indicators**
- Status LEDS: Included
- Power Supply: Included

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**Specifications**

**Protocol**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Patton 3201</th>
<th>Cisco 828</th>
<th>ZyXel 782</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATM Encapsulation</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>NAT/Multi-NAT DHCP</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
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<td>Stateful Firewall</td>
<td>YES</td>
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<tr>
<td>Security Alerts</td>
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<td>NO</td>
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<tr>
<td>Status LEDS</td>
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<td>6</td>
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<tr>
<td>Ethernet Cross-Over Switch</td>
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<td>NO</td>
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<td>YES</td>
<td>SS5</td>
<td>SS5</td>
</tr>
</tbody>
</table>

**Security**

- DoS Detection/Protection: Included
- Intrusion Detection: Included
- Logging of sessions: Included
- Blocking and intrusion events: Included
- Real-Time Alerts: Included
- Password protection:Included
- Access control: Included
- Access list: Included
- SNMP/HTTP/TELNET: Included

**Power Supply**

- External universal 90-240 VAC input or +48 VDC

**Compliance**

- FCC Part 15A
- CE Mark

**Dimensions**

- 4.76W x 1.52H x 5.0L in. (12.19W x 3.9H x 12.7L cm)