Creative Solutions for the Digital Life™

Actiontec Electronics introduces its latest powerhouse DSL Modem, the GT724R. Building on years of DSL modem design and manufacturing, the DSL Modem is actually two products in one sleek package: a full-rate ADSL modem, and a 4-port switch. Why clutter your desk or bookcase or multimedia armoire with multiple units when one will do?

**Even Easier to Use**

In an effort to make the DSL Modem as uncomplicated as possible to deploy and use, the graphical user interface was redesigned from the ground up. Now it’s a snap to check the status of the network or the broadband connection’s IP address. Nearly all other configuration options are one or two clicks away, and the home page can be customized with specific Internet links or other online services.

**Supports ALL Major DSL Providers**

The DSL Modem has been rigorously tested to ensure compatibility with all major DSL providers. It adheres to leading DSL standards, ensuring a quick and painless connection to your DSL provider. Not only that, Actiontec has included its Auto-Connect tool, which allows you to connect to your DSL service rapidly and hassle-free. It’s the easiest connecting DSL modem on the market today.

**Security Comes First**

The Modem also functions as an Internet firewall, providing the home network with robust protection from outside threats, like hackers or other individuals looking to snoop in personal files. Three different levels of protection allow your customer to customize the level of security.

Model # GT724R

DSL Modem with 4 Port Ethernet Router

www.actiontec.com
DSL Modem with 4 Port Ethernet Router

Features

- Integrated Wired 4 Port 10/100 Mbps Ethernet Switch
- Full-rate ADSL2+ modem – supports data rates of up to 24 Mbps downstream and up to 1 Mbps upstream*
- Exceeds performance of the DSL Forum specification
- Guaranteed loop reach of up to 18,000 feet using ADSL and 18,600 feet using ADSL2
- Tested and compatible with all major DSLAMs
- Advanced security: Firewall, Stateful Packet Inspection, NAT, website blocking, web service blocking, Internet traffic logging, Denial of Service (DOS) protection
- Other features include:
  - Bit Swapping
  - DHCP Server Option
  - Compliant with DSL Forum TR-48 Rate and Reach Requirements
  - DMZ Hosting
  - DNS Proxy Server
  - Dynamic Rate Adaptation
  - Independent upstream and downstream data rate provisioning
  - Mac Address Cloning
  - Multiple PVC supported
  - NAT Services Blocking
  - Port Forwarding
  - Real-time diagnostics

Ports at Rear of Unit

Technical Specifications

<table>
<thead>
<tr>
<th>Features</th>
<th>Descriptions</th>
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<tbody>
<tr>
<td>ADSL</td>
<td>ITU G.992.1 (G.dmt), G.992.2 (G.Lite), G.994.1 (G.hs), G.992.3/4 (ADSL2), G.992.5 (ADSL2+) ANSI T1.413 Issue2</td>
</tr>
</tbody>
</table>
| ATM | ATM User-Network Interface, Version 3.1, Section 3. The ATM Forum  
  • The full VPI range (0 – 4095) and VCI range (1 – 65535) are supported  
  • Adaptation Layers AAL5, AAL2 and AAL0 are supported  
  • The traffic shaping function supports traffic classes CBR, VBR (real time and non-real time) and UBR (with PCR limiting) |
| OAM | ITU-T Recommendation L.610 B-ISDN "Operation and Maintenance Principles and Operations  
  • F5 segment and end-to-end loopback cells |
| Ethernet | ISO/IEC 8802-3; ANSI/IEEE standard 802.3 part 3  
  • IEEE 802.3x – Full Duplex capable  
  • IEEE 802.3u – Auto negotiation  
  RFC 1213 "Management Information Base for Network Management of TCP/IP-based Internet: MIB-II"  
  D-I-X "The Ethernet - A Local Area Network: Data Link Layer and Physical Layer Specifications" |
| Bridge | Transparent MAC level bridge for Ethernet-like devices in conformance with the IEEE 802.1d specification  
  ISO/IEC 10038:1993 (E), Std 802.1D  
  RFC 1213 "Management Information Base for Network Management of TCP/IP-based Internet: MIB-II"  
  RFC 1493 "Definitions of Managed Objects for Bridges" |
### DSL Modem with 4 Port Ethernet Router

#### Technical Specifications (cont’d)

<table>
<thead>
<tr>
<th>Protocol</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP</strong></td>
<td>RFC 791 “Internet Protocol”&lt;br&gt;RFC 950 “Internet Standard Subnetting Procedure”&lt;br&gt;RFC 1122 “Requirements for Internet Hosts – Communication Layers”&lt;br&gt;RFC 2191 “Path MTU discovery”&lt;br&gt;RFC 1213 “Management Information Base for Network Management of TCP/IP-based Internet: MIB-II”&lt;br&gt;RFC 894 “Standard for the Transmission of IP Datagrams Over Ethernet Networks”&lt;br&gt;RFC 2636 “IP Network Address Translator (NAT) Terminology and Considerations”&lt;br&gt;RFC 3022 “Traditional IP Network Address Translator (Traditional NAT)”&lt;br&gt;RFC 2663 “IP Network Address Translator (NAT) Terminology and Considerations”&lt;br&gt;RFC 3022 “Traditional IP Network Address Translator (Traditional NAT)”&lt;br&gt;FTP (over NATP)</td>
</tr>
</tbody>
</table>
DSL Modem with 4 Port Ethernet Router

Minimum System Requirements

- PC or Macintosh with Ethernet
- Microsoft Windows 98SE, Me, 2000, XP, Vista; Mac OS 9 or higher; Linux/BSD, Unix
- TCP/IP network protocol installed
- Internet Explorer 5.0+ or Netscape 5.0+

Package Contents

- Actiontec DSL Modem
- Quick Start Guide
- Ethernet Cable
- User Manual on CD-ROM
- Power Cord
- DSL Cable

Note: Customers may request customized self-install kit configuration

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* Depends on the services offered by the Internet Service Provider.
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Product photo may differ from actual product, however functionality remains as stated above.
Specifications are subject to change without notice.