

# Vigor2000 isdnRouter

Smart solutions for Internet/Intranet Access, Remote Access, Network Interconnection through ISDN or External DSL Modem

## Performance features:

- **Convenient Internet Access for home users and small office staff:**  
It offers an IP router with web-user-interface configuration, 6-port 10Base T ethernet hub, one uplink port (expandable for business growth), and one ISDN connection for one entire home network or small office for Internet via one single ISDN BRI line.
- **Virtual TA for communications applications:**  
Because the Vigor2000 isdnRouter also functions as a CAPI server for your network, the fax and file transfer provided by communications applications can be deployed at every computer through ISDN network without the physical presence of an ISDN terminal adapter in the PC.
- **Reliable Remote Access for telecommuting**  
The members of a home or the staff of a small office can dial back from outside to the home-LAN or office-LAN to access information in a database on the LAN.
- **Simultaneous access to Internet for multiple users**  
The lower Internet cost means more fun for all the LAN users to surf the Internet through a single access account subscribed from your local Internet Service Provider (ISP).
- **Built-in Ethernet Hub and Uplink for connecting to multiport hub**  
These flexible features accommodate growing businesses or expanded home use for ISDN Internet.



DHCP

LAN2LAN

PPTP

PPPoE



# DrayTek

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## Specifications of Vigor2000 isdnRouter:

### ISDN Interface:

- Basic Rate Interface (BRI): supports 2B+D service
- S/T or U type interface
- RJ-45 connector
- Layer-1 conforms to ITU-T I.430
- D channel signaling protocol complies with DSS1 (European), VN3 (French), ISDN2e/BT Highway (British)
- Line rate:
  - B channel --- 64kbps per channel for data transfer
  - D channel --- 16kbps for ISDN signaling
- B channel protocols compatibility:
  - PPP/Multilink PPP (MP), X.75, T.70, V.110, V.120
- Detailed PPP/MP protocol suite:
  - Link control : LCP
  - Authentication Security : PAP/CHAP,
  - Compression Control : CCP
  - IP address negotiation : IPCP
  - Channel Bundling : Multilink PPP (MP), BAP/BACP
  - Secure Call Back: CBCP
- Dial on demand for cost saving
- Bandwidth on demand
- Dual ISP support (2\*64Kbps simultaneously).

### LAN Interface:

- RJ-45 connectors
- built-in sixport 10BaseT Ethernet Hub
- 1 Uplink port for LAN expandability (this port is independent from the six-port 10BaseT Ethernet Hub)
- TCP/IP suite: ARP, IP, ICMP, TCP, UDP
- PPPoE (Point-to-Point Protocol over Ethernet) support for Broadband Access

### IP Routing Protocol:

- RIP version II

### Firewall built-in:

- IP-based Packet filtering

### Network service servers:

- Remote Access server for telecommuting users:
  - Automatic IP address assignment
  - Security call back
  - Authentication by CLID or PAP/CHAP
- DHCP server for Auto IP:
  - Automatic and Dynamic assign appropriate IP network configuration including IP address, netmask, gateway IP address, domain name server (DNS) IP address etc.
- Remote CAPI server for those using CAPI interface software to get on Internet or other special purpose usage such as Euro file transfer, BBS, Fax, or answering machine functions
- NAT (Network Address Translation) server
  - IP address and port number translation
  - IP traffic load balancing
  - Port redirection to express mutual secures to the Internet
- DNS (Domain Name System) cache and proxy server

## Configuration and Management :

### Remote Configuration Method:

- Web-based User Interface (WUI)
  - Ease-of-use configuration via generic Web browser
  - System status monitor
  - System administrator password support
- Telnet-based teletype user interface (TUI)
  - Text-based command line
  - System administrator password support
- Local Configuration Method:
  - RS-232 console port
    - menu-driven configuration for minimal system configuration
    - Smart Start Wizard for Windows and MacOS

## Operating System Compatibility:

- Windows 95/98/NT/2000
- Mac OS
- Linux or other UNIX clone

## Firmware upgradeability:

### Remote upload:

- TFTP server

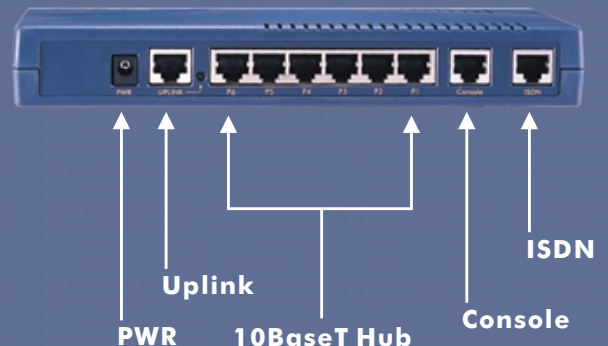
### Local upload:

- RS-232 console port via XMODEM protocol

**Dimensions(cm): L 21.8 x W 15.8 x H 3.6**

**Weight: 399 grams**

**Maximum Power: 10 W**



Type approvals: fulfills the requirements of EU directives

**Warranty:** DrayTek guarantees Vigor2000 isdnRouter to be in good working condition for 2 years

**Support:** via local distribution channels, DrayTek Web, Internet, and faxline

# DrayTek

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