

# Draytek Vigor 2930 Dual-WAN Ethernet Router



Product Name: Draytek Vigor 2930 Dual-WAN Ethernet Router

Manufacturer: Draytek

Model Number: V2930

Please Note: The Draytek Vigor2930 Dual-WAN Ethernet Router is now End of Life. For alternative products, please see our selection of DrayTek Routers.

Draytek Vigor2930 Dual-WAN Ethernet Router

The Vigor 2930 is a high-performance dual-WAN firewall. The two dedicated ethernet WAN ports can provide load balancing, WAN failover or bandwidth aggregation (increasing total bandwidth onto the Internet). Versions with SIP-Compliant VoIP (Voice-over-IP) and ISDN support are also available. High Speed total WAN throughput of up to 70Mb/s is available, and IPSec VPN throughput of up to 40Mb/s. Extensive QoS support and comprehensive Web Content filtering features help you make the most efficient use of your bandwidth. The Vigor 2930 is in an all-new DrayTek housing design with all LEDs and sockets provided conveniently on the front. This makes desk usage, wall mounting or rack-mounting (optional bracket required) all equally convenient. Vigor 2930 Series - Technical Specification Physical Interfaces: LAN Ports (Switch):

- LAN: 4-port 10/100 Base-TX Switch
- WAN: 2-port 10/100 Base-TX Ethernet
- VoIP: 2-port FXS Phone Ports ('V' models only)
- ISDN: 2-Ports. One fixed S0, one configurable NT / TE mode ('S' model only)

Dual-WAN Ports:

- 10/100Base-T Ethernet
- Outbound Policy-Based Load-Balance
- WAN Connection Fail-over
- BoD (Bandwidth on Demand)

VoIP Features ('V' Models only):

- Protocols: SIP, RTP / RTCP
- 12 SIP Registrar Accounts (for up to 12 VoIP providers)
- G.168 Line Echo-cancellation
- Automatic Gain Control
- Jitter Buffer ( 125ms )
- Voice Codecs:
  - G.711 A / &micro; Law
  - G.723.1
  - G.726
  - G.729 A / B

• Wireless LAN Features ('n' models only):

- 802.11n Compliant
- Latest 'MIMO' Technology with three aerials (2T3R)
- Packet Aggregation and Channel Bonding
- Compatible with 802.11b and 802.11g Standards
- Active Client list in Web Interface
- Wireless LAN Isolation (from VLAN groups and wired Ethernet interfaces)
- 64/128-bit WEP Encryption
- WPA/WPA2 Encryption

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- Switchable Hidden SSID
- Restricted access list for clients (by MAC address)
- Time Scheduling (WLAN can be disabled at certain times of day)
- Access Point Discovery
- WDS (Wireless Distribution system) for WLAN Bridging (Firmware Upgradable)
- 802.1x Radius Authentication
- Wireless Rate-Control
- Automatic Power Management
- 802.11e WMM (Wi-Fi Multimedia)

- VAD / CNG
- Tone Generation: DTMF , Dial , Busy , Ring Back , Call Progress
- DTMF Transmission: In Band / Out Band ( RFC-2833 ) / SIP info
- FAX / Modem Support G.711 Pass-through
- T.38 for FAX
- Supplemental Services:

- Caller ID
- Call Hold / Retrieve
- Call Waiting
- Call Waiting with Caller ID
- Call Transfer
- Call Forwarding ( Always , On Busy and On No Answer )
- DND (Do not Disturb)
- Call Barring ( Incoming / Outgoing )
- MWI ( Message Waiting Indicator ) ( RFC-3842 )
- Hotline (Dial preset number when handset lifted)

## ISDN Features ('S' Model Only):

- RJ-45 S/T Interfaces
- ISDN Loop-Through
- ISDN On-net / Off-net
- Euro ISDN Compatible
- Automatic ISDN Backup for Internet Access
- Support 64 / 128Kbps ( Multilink-PPP)
- BoD ( Bandwidth on Demand )
- Remote Dial-In / LAN-to-LAN Connection
- Remote Activation (Dial back on ISDN Caller ID recognition)
- ISDN Port Passthrough During Power Cut

## WAN Protocols:

- DHCP Client
- Static IP
- PPPoE
- PPTP
- L2TP \*
- BPA

## Firewall & Security Features:

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- CSM (Content Security Management):

- URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs
- Surfcontrol Support - Block Web sites by category (subject to subscription)
- Prevent accessing of web sites by using their direct IP address (thus URLs only)
- Blocking automatic download of Java applets and ActiveX controls
- Blocking of web site cookies
- Block http downloads of file types :

- Binary Executable : .EXE / .COM / .BAT / .SCR / .PIF
- Compressed : .ZIP / .SIT / .ARC / .CAB/ .ARJ / .RAR
- Multimedia : .MOV / .MP3 / .MPEG / .MPG / .WMV / .WAV / .RAM / .RA / .RM / .AVI / .AU

- Time Schedules for enabling/disabling the restrictions
- Block P2P (Peer-to-Peer) file sharing programs (e.g. Kazza, WinMX etc. )
- Block Instant Messaging programs (e.g. IRC, MSN/Yahoo Messenger etc.)

- Multi-NAT, DMZ Host
- Port Redirection and Open Port Configuration
- Policy-Based Firewall
- MAC Address Filter
- SPI ( Stateful Packet Inspection )
- DoS / DDoS Protection
- IP Address Anti-spoofing
- E-Mail Alert and Logging via Syslog
- Bind IP to MAC Address

## VPN Support:

- Up to 50 Simultaneous VPN Tunnels
- Protocols : PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption : MPPE and Hardware-Based AES / DES / 3DES
- Authentication : Hardware-Based MD5 , SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature ( X.509 )
- PFS (Perfect Forward Secrecy)
- IKE Phase 1 Aggressive/Standard Modes & Phase 2 Selectable lifetimes
- LAN-to-LAN (Dial-in & Dial-Out), Teleworker-to-LAN
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through

## Bandwidth Management:

- QoS
- Guaranteed Bandwidth for VoIP
- Class-based Bandwidth Guarantee by User-Defined Traffic Categories
- DiffServ Code Point Classifying
- 4-level Priority for each Direction (Inbound / Outbound)
- Bandwidth Borrowed
- Temporary (5 minute) Quick Blocking of any LAN Client
- Bandwidth / Session Limitation

# Draytek Vigor 2930 Dual-WAN Ethernet Router

## Network/Router Management:

- Web-Based User Interface (HTTP / HTTPS)
- CLI ( Command Line Interface ) / Telnet / SSH\*
- Administration Access Control
- Configuration Backup / Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP / FTP
- Logging via Syslog
- SNMP Management with MIB-II

## Network Features:

- DHCP Client / Relay / Server
- Dynamic DNS
- NTP Client (Synchronise Router Time)
- Call Scheduling (Enable/Trigger Internet Access by Time)
- RADIUS Client
- DNS Cache / Proxy
- Microsoft® UPnP
- Port-Based VLAN (Ethernet LAN ports exclusive/inclusive groups)

## Routing Protocols:

- Static Routing
- RIP V2

## Operating Requirements:

- Rack Mountable (Optional mount bracket required)
- Temperature Operating : 0°C ~ 45°C
- Storage : -25°C ~ 70°C
- Humidity 10% ~ 90% ( non-condensing )
- Power Consumption: 18 Watt Max.
- Dimensions: L240.96 \* W165.07 \* H43.96 ( mm )
- Operating Power: DC 15V (via external PSU, supplied)
- Warranty : 2 Years Manufacturer's RTB included
- Power Requirements : 220-240VAC

\* Intended to be added in future firmware version

**Please Enquire**

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