

Draytek Vigor 2920Vn Dual-WAN Security Router



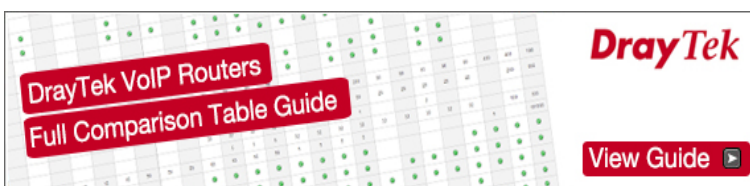
Product Name: Draytek Vigor 2920Vn Dual-WAN Security Router

Manufacturer: Draytek

Model Number: V2920Vn

Please Note: The Draytek Vigor 2920Vn has been discontinued. For an alternative, we highly recommend the Draytek Vigor 2925.

Draytek 2920VN Dual-WAN Security Router



- 4 X Gigabit Ethernet (1000Mb/s) Ports
- Port-Based VLAN (Inclusive/Exclusive Groups)

WAN Ports:

- Primary WAN Port : 10/100 Base-TX Ethernet
- Secondary WAN Port : 10/100/1000 Base-TX Gigabit Ethernet
- USB Port for 3G Cellular Modem, NAS* or Printer

Load Balance/Failover Features:

- Outbound Policy-Based Load-Balance
- WAN Connection Fail-over
- BoD (Bandwidth on Demand)

Wireless LAN Features ('n' Models Only):

- 802.11n Compliant
- Latest 'MIMO' Technology with three aerials (2T3R)
- Multiple SSID : Create up to 4 virtual wireless LANs (independent or joined)
- Packet Aggregation and Channel Bonding
- Optional Higher Gain or directional aerials available - [Click Here](#).
- 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
- 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 and Repeating (Firmware Upgradable)
- 802.1x Radius Authentication
- Wireless Rate-Control
- Automatic Power Management

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- 802.11e WMM (Wi-Fi Multimedia)

WAN Protocols (Ethernet):

- DHCP Client
- Static IP
- PPPoE
- PPTP
- 2TP *

Firewall & Security Features:CSM (Content Security Management):

- URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs
- Block Web sites by category (e.g. Adult, Gambling etc. Subject to Globalview 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) with new FlowTrack Mechanism
- DoS / DDoS Protection
- IP Address Anti-spoofing
- E-Mail Alert and Logging via Syslog
- Bind IP to MAC Address

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

Network/Router Management:

- Web-Based User Interface (HTTP / HTTPS)
- CLI (Command Line Interface) / Telnet / SSH*
- Administration Access Control
- Configuration Backup / Restore

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- Built-in Diagnostic Function
- Firmware Upgrade via TFTP / FTP
- Logging via Syslog
- SNMP Management with MIB-II
- TR-069
- TR-104

VPN Facilities:

- Up to 32 Concurrent VPN Tunnels (incoming or outgoing)
- Tunneling Protocols: PPTP, IPSec, L2TP, L2TP over IPSec
- IPSec Main and Aggressive modes
- Encryption : MPPE and Hardware-Based AES / DES / 3DES
- Authentication : Hardware-Based MD5 and SHA-1
- IKE Authentication : Pre-shared Key and X.509 Digital Signature
- LAN-to-LAN & Teleworker-to-LAN connectivity
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through

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 Support

Routing Protocols:

- Static Routing
- RIP V2

Operating Requirements:

- Rack Mountable (Optional mounting bracket 'RM1' required)
- Wall Mountable
- 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 : Two (2) Years RTB
- Power Requirements : 220-240VAC

* Intended to be added in future firmware version

Please Enquire
