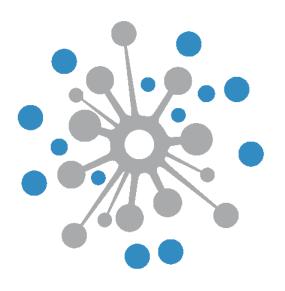




DataSheet - U2500



WiJungle Router is a Network Gateway that enables organizations to manage their entire network through a single window. Its scalable architecture, gives the leverage to integrate third-party services with ease. Being in industry, WiJungle very well understands necessities and challenges of different verticals like Enterprises, Hospitality, Education, Healthcare, BFSI, Transport, Retail, Defence etc. and helps them fulfil dynamic demands in highly costeffective way along with Best Pre and Post sales services.

www.wijungle.com

Specifications (OS 9.8)

Access/Interface Management

- Static, DHCP, PPPoE, PAP/CHAP, 3G/4G Support
- Offers Inbuilt Database along with integration of Radius, TACACS/TACACS+, LDAP, SAML, AD with authentication suite & Centralized Auth Solution
- Authentication, Authorization & Accounting,
- Support Thin Client Setup multiple VLAN, VXLAN, Zones, 802.1P, 802.1S, 802.1Q, 802.1X,802.3ad, Jumbo Frame
- Location aware access Clientless Device, IP-Mac bind, MAC Whitelist/Blacklist with auto-expiry.
- Admin/Users 2FA & 3FA via SMS, Email, GAuth, Twilio Authy etc.

Network Management

- Stateful & Deep Packet Inspection Firewall
 NAT & Access Rules, FQDN, DNS Forwarder, DNS Proxy, Port Forwarding, IP Summary, Dyn. DNS
- Supports IP v4 & v6; NAT66, NAT64, DNS64; tunnel IPv6 over IPv4, IPv4 over IPv6

Routing

- Static Route
- b BGP, MP-BGP, Babel, LDP, EIGRP, ISIS, OSPFv2, OSPFv3, PIM, PIMv6, PBR, RIP, RIPng NHRP, BMP, Route Map, Affinity Map, BFD, MPLS, TE Support, Multicast Support, IGMP, VRF, Segment Routing, EVPN, MSDP

User Management (Opt.)

- Create User Groups & apply policies
- Social Media and Mobile No. based login
- ID & Password login fixed users
- Easy Migration Import/Export data
- Create users with auto-expiry, Renew & Block
- Live, Blocked and Total Users data
- Switch users from one group to other Restrictions based on device and OS.
- Set user session time, IP lease time
- Search sessions of a user via id/name, consolidated user and date wise

Bandwidth Management (Opt.)

- Restrict Users based on data, b/w & time
- Define Enhanced Quality of Service (QoS)
- Individual and Shared Bandwidth Quota B/W policy on a flow/user/ip/mac/subnet /network/user group/DSCP & ToS Bits

Content Filtering (Opt.)

- Web or URL (DNS awa Certificate based) /IP/ Geography/Keyword/Port/Application Filter
- · Block predefined categories on specific time
- Create | Edit | Delete Manual Categories & Add Exception
- · Country based traffic control, Filtering Logs

Load Balancing (Opt.)

- Supports two or more ISP Links
- Deliver combined bandwidth output (LAG)
- Define traffic priority to links (Active-Active) Ensure failovers Redirect traffic to active gateways (Active-Backup)

High Availability

- Active-Active (Load Share & Network Share)
- · Active-Passive with state synchronizations
- Stateful Failover to Keep-Alive Sessions

Alert Management

- · Real-time alerts to user on data consumption limit, voucher expiry etc.
- Real-time alerts to admin on link failure, ISP speed, Remote Access etc. Schedule Alerts for specific reports
- Alerts on platforms like Slack, Flock, Skype, Telegram, Trello & Email

Reporting/Monitoring

- Graphical real-time logging and monitoring
- User, Internet, Threat, Social, System based overall and user wise analytics

Surfing Logs

- Records surfing logs of each user
- Inbuilt storage for a complete year
 Search logs based on time, user, IP and site

Virtual Private Network (Opt.)

- SSL VPN TCP/UDP Tunnelling
- IPSec (Route & Policy based) with failover, L2TP,
- Encryption 3DES, DES, AES, Twofish, Blowfish, Serpent Hash Algorithms - MD5, SHA-1, SHA-2
- Authentication Preshared key, Digital Certificates
- Diffie Hellman Groups 1, 2, 5, 14, 15, 16, 17, 18, 25, 26, 19, 20, 21, 31
- Threat Free Tunnelling (TFT), Hub & Spoke VPN Support, IPSec NAT Traversal, HW Acceleration Dead Peer Detection & PFS Support & GDOI SSL Authentication AD, LDAP, Radius, Local Multi-Layer Client Authentication certificate,

- Username/Password
- Network Access Split and Full Tunnelling
- Granular Access Control to all network resources
- Administrative controls Session Timeout, Deed Peer Detection
- TCP based Application Access HTTP, HTTPS, RDP, TELNET, SSH
- User and Group policy enforcement
 SSL VPN Tunnelling Client, CISCO Client Support
- Certificate Management

Highly User-friendly GUI

- Easy to operate/understand even by Non-Technical
- Create customizable view/dashboard
- English translation of every configuration

System Management

- System Configuration Backup/Restore/Erase
 Auto/Manual backup of User & Threat Logs
- Enable appliance remote access Set auto/manual firmware updates
- Create Child Admins and check logs • Set Time Zone, SMTP Email
- Integrate Syslog, SNMP, Netflow; Port Mirroring (Opt.)
- Access via Web GUI HTTPS, Console, SSH, SFTP, Telnet
- Central Management (Opt.)

Troubleshoot

· Activity Timeline, DHCP Logs, Ping, Traceroute, DNS Lookup, Port Scan

Third Party Integration

Third party application Integration

Support

• 24*7 Call and Email Support

Hardware

- Memory 32 GB or higher, SSD 1TB or higher
 Ports 10*1G Copper incl. 2 pair bypass, 4*1G SFP
- Expansion Slots 8 (Per Slot 8*1G Copper or SFP/4*1G Copper or SFP/4*1G Copper or SFP/4*1G Copper + 4*1G SFP/4*10G SFP+/2*10SFP+/2*40G QSFP/1*100G
- 2 USB Ports, 1 COM, 1 VGA

Power and Reliability

- 105W with redundant supply (optional)
- Oper. T (-10°C~60°C), Storage T (-20°C~80°C)
 Relative humidity 0%-90%, no condense
- Vibration 0.5g rms/5-500HZ/random/operating

- Performance
 Throughput 802 Gbps
- Packet Forwarding Rate 596 MPPS
 IPv4/IPv6 Routes 2,000,000 / 2,000,000
 Multicast Routes 40,000
 VPN Tunnel 20300

- Mac Addresses 4,000,000
- QoS Queues 65,536