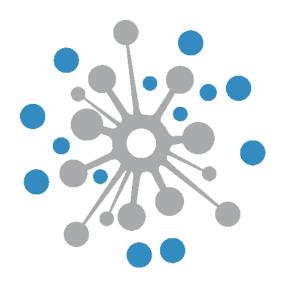# Wi-Jungle®

Unified Network Security Gateway

DataSheet – U20 – SOHO (Rev 2)

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 cost-effective 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, Zones, 802.1P, 802.1S, 802.1Q, 802.1X,802.3ad,VLAN RP, 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.

User/Guest 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
- 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)

Captive Portal Capabilities
- 11 different types of captive portals
- Personalise Captive Page
- Customise captive form input fields
- Mobile/Desktop Responsive
- Social Media Based Login, MAC based auto login
- Promotions and Branding Options

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, MPLS
- Route - Static/Dynamic, OSPF/v3, BGP/v6, RIPv1/v2, IGMP, MLD, PIM, IS-IS, Babel, ECMP
- Policy based Routing, Upstream & Web Proxy
- SD-WAN Functionality

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

SMS Gateway
- Pre-configured gateway
- Unlimited authentication SMS (India Only)
- Manual/Auto SMS Sending
- Click –n-Configure Custom Gateway
- Facilitates different message templates

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, PPTP
- 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

Seamless Roaming
- Seamless connectivity from wired to wireless network
- No authentication again, Login once

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

Package Management
- Create Hourly and Day based Plans
- Set renew as automatic & Manual
- Configure conference/banquet hall plans Accounting based on hours, days, data transfer

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
- Access via Web GUI HTTPS, Console, SSH, SFTP, Telnet
- Central Management

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
- Ports - 1*1GE (WAN), 4*1GE(LAN/DMZ)
- Wi-Fi - 2.4GHz and 5GHz (Frequency Band)

Power and Reliability
- 12V/1A
- 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 - 1 Gbps
- VPN Throughput – 300Mbps