NAT

- NAT Session: up to 60,000
- Application Layer Gateway (ALG)
  ・ RTSP Session Limit same as Normal NAT

IP Protocol

- IPv4 ・ IPv6

Ethernet WAN

- IPv4 - DHCP Client, Static IP, PPPoE,
       802.1p/q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, 6rd, Static 6in4
       Dual Stack: PPP, DHCPv6 Client, Static IPv6

Routing

- Route Policy: 30 Profiles
- Static Route: IPv4 40 Entries, IPv6 40 Entries
- Routing Protocol:
  ・ RIPv1/v2/RIPng, BGP, OSPFv2/v3

LAN Switch

- 8 × VLAN
- 8 × LAN Subnet
- DHCP Supports 1021 IP Addresses on
  Each Subnet
- Port-based VLAN
- Tag-based VLAN
- VLAN Tagging (802.1q) on LAN
- Bind-IP to MAC Address: 1024 Entries

Firewall

- Port Mapping
- Rule-Based Firewall
- Object-Based Firewall
- DoS Defense
- Time Schedule Control
- Email Alert and Logging via Syslog
- IP Address Anti-Spoofing
- IPv6 Firewall

Object Settings

- IP Object/Group
- IPv6 Object/Group
- Service Type Object
- Keyword Object
- Object Backup/Restore

Content Filters and APPE

- APP Enforcement
- URL Content Filter
  ・ Access Control: URL Keyword Blocking
    (by White / Black List)
  ・ Web Feature: Java Applet, Cookies,
    Active X, Compressed, Executable,
    Multimedia File Blocking
- Web Content Filter (by purchasing license)
- DNS Filter

Virtual Controller

- Wireless: 19 nodes
- Switch Management: 10 nodes

VPN

- Up to 50 VPN Tunnels
- Protocol : IPsec, GRE over IPsec, IKEv2,
  OpenVPN, WireGuard
- Encryption : Hardware-based AES/DES/3DES
- Authentication : SHA1, SHA256, SHA512
- IKE Authentication : Pre-shared Key and
  Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP for Tekeworkers
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)

Network Feature

- Hardware Acceleration
- DHCP Client / Relay / Server
- Customize DHCP Option
- DHCPv6 Server
- Static IPv6 Address Configuration
- IGMP Proxy v3
- IGMP Snooping
- Dynamic DNS
- DNS Cache / Proxy
- DNS Security
- DNS forwarding
- LAN DNS
- NTP Client
- Hotspot Web Portal
- RADIUS Client
- UPnP 30 sessions
- Wake on LAN

Management

- Web-Based User Interface (HTTP / HTTPS)
- Command Line Interface (Telnet / SSH)
- Dashboard
- Administration Access Control
- Configuration Backup / Restore
- Built-In Diagnostic Function
- Firmware Upgrade via HTTP / TFTP
- Logging via Syslog
- Syslog Explorer
- SNMP v2 / v2c / v3
- Object-Based SMS / Mail Alert
- Management Session Time Out
- Multi-Level Management (admin / user)
- External Device Detection
- TR-069
- 802.3az
- Self-Signed Certificate
- Support Multi-Firmware Upgrade Utility

Wireless (be model)

- WiFi 7 Support Concurrent 2.4 + 5GHz Band
- Support up to 128 Clients (All bands)
- Channels
  ・ Auto Channel Selection by default
  ・ Variant by country regulation
  ・ Zero-Wait DFS for 5GHz channel
- Encryption: WPA / WPA2 / WPA3 / OWE
- Security Mode
  ・ WPA3 Personal
  ・ WPA3/WPA2 Personal
  ・ WPA2 Personal
  ・ WPA2/WPA Personal
  ・ WPA3 Enterprise
  ・ WPA2 Enterprise
  ・ WPA2/WPA Enterprise
  ・ OWE
  ・ WPA Personal
  ・ WPA Enterprise
  ・ WEP Personal
- Authentication: Pre-shared Key
- Multiple SSID: 4 x SSID for Each Band
- SSID VLAN Grouping with LAN Port
- Hidden SSID
- WPS
- Wireless Client List
- Wireless LAN Isolation
- MAC Address Control
- Access Point Discovery
- WMM
- Airtime Fairness
- Band Steering*
- Roaming
  ・ Router-Assisted Client Roaming
  ・ Pre-Authentication
  ・ Fast Roaming (802.11r)
  ・ Standard-Based Client (802.11v)*
  ・ Partial support 802.11k channel loading,
    neighbor report
- Station Control

Hardware Interface

- P2/P3/P4: 2 can be used out of 3 at once
- P1: GbE WAN, RJ45
- P2: 10Gbps SFP+ WAN
- P3: 10GbE WAN/LAN, RJ45
- P4: 10Gbps SFP+ LAN
- P5: 2.5GbE LAN, RJ45
- P6~P8: 3 x GbE LAN, RJ45
- 2 x USB2.0
- 1 × Factory Reset Button
- 2 x Detachable Antennas (be model)