Group	Feature	834-5 OS 2.4 (Version 2.2.0.1)	834-v6 OS 2.4 (Version 2.2.0.1)	854-(v)6 OS 2.4 (Version 2.2.0.1)	841-T6 OS 2.4 (Version 2.2.0.1)	SmartOS 834-5 11.2.6.1	SmartOS 854-(v)6 11.2.6.1	SmartOS 834-v6 11.2.6.1	SmartOS 841-t6 11.2.6.1
		PlumeOS 2.2.0.1/2.2.0.2				**SmartOS 11.2.6.1**			
Diagnostics	Speed test (ookla)	✓	✓	✓	✓	✓	✓	✓	✓
Diagnostics	Admin CLI	✓	✓	✓	✓	✓	✓	✓	✓
Diagnostics	Ping / Traceroute	✗	✗	✗	✗	✓	✓	✓	✓
DPI	Advanced device typing	✓	✓	✓	✓	✗	✗	✗	✗
DPI	Device freeze	✓	✓	✓	✓	✗	✗	✗	✗
DPI	Adblocking and DNS Protection	✓	✓	✓	✓	✗	✗	✗	✗
DPI	IP threat detection	✓	✓	✓	✓	✗	✗	✗	✗
DPI	Advanced IoT protection (anomaly detection and quarantine)	✓	✓	✓	✓	✗	✗	✗	✗
DPI	IP flow management	✓	✓	✓	✓	✗	✗	✗	✗
DPI	URL or SNI/hostname-based content filtering	✓	✓	✓	✓	✗	✗	✗	✗
DPI	Application monitoring and screentime	✓	✓	✓	✓	✗	✗	✗	✗
DPI	Denial of service protection	✗	✗	✗	✓	✗	✗	✗	✗
DPI	URL or SNI/hostname-based content filtering	✓	✓	✓	✓	✗	✗	✗	✗
Network	Wi-Fi Easy Connect - DPP 1.1	✗	✗	✗	✗	✗	✗	✗	✗
Firewall	NAT/NAPT	✓	✓	✓	✓	✓	✓	✓	✓
Firewall	Custom Access Control Lists	✗	✗	✗	✗	✓	✓	✓	✓
Firewall	VPN Pass Through (PPTP, L2TP, IPSec)	✗	✗	✗	✗	✓	✓	✓	✓
Firewall	Demilitarized Zone (DMZ)	✗	✗	✗	✗	✓	✓	✓	✓
Hardware	1G WAN	✓	✓	✗	✓ (both ports can be WAN)	✓	✗	✓	✗
Hardware	2.5G WAN	✗	✗	✓	✓ (both ports can be WAN)	✗	✓	✗	✓
Hardware	1G LAN Ports	4	4	4	1	4		4	1
Hardware	Radios	2.4GHz 4x4 5GHz 4x4	2.4GHz 4x4 5GHz 4x4	2.4GHz 4x4 5GHz 4x4	2.4Ghz 2X2, 5Ghz L 2X2, 5Ghz U 4x4		2.4GHz 4x4 5GHz 4x4		2.4Ghz 2X2, 5Ghz L 2X2, 5Ghz U 4x4
Hardware	Bluetooth 5.0					✓	✓	✓	✓
IPTV	IGMP snooping	✓	✓	✓	✓	✓	✓	✓	✓
IPTV	IGMP proxy	✓	✓	✓	✓	✓	✓	✓	✓
IPTV	VLAN 802.1Q support (supporting separate unique IPTV SSID and PSK)	✗	✗	✗	✗	✓	✓	✓	✓
IPTV	IPTV Video Analyzer	✗	✗	✗	✗	✓	✓	✓	✓
IPv4	DHCP reservation, DNS server, subnet DHCP, port forwarding	✓	✓	✓	✓	✓	✓	✓	✓
IPv4	uPnP	✓	✓	✓	✓	✓	✓	✓	✓
IPv4	DNS Static Hostname Support	✗	✗	✗	✗	✓	✓	✓	✓
IPv6	Passthrough	✗*	✗*	✗*	✗*	✓	✓	✓	✓
IPv6	MLD snooping	✗*	✗*	✗*	✗*	✓	✗	✗	✗
IPv6	MLD proxy	✗*	✗*	✗*	✗*	✗	✗	✗	✗
IPv6	Native	✗*	✗*	✗*	✗*	✓	✓	✓	✓
IPv6	Mode (DHCP stateless/stateful)	✓	✓	✓	✓	✓	✓	✓	✓
IPv6	Mode (SLAAC + RDNSS)	✗*	✗*	✗*	✗*	✓	✓	✓	✓
IPv6	MAP-T	✗*	✗*	✗*	✗*				
Management	Plume Cloud Upgrade	✗	✗	✗	✓	✗	✗	✗	✗
Management	LED management	✓	✓	✓	✓	✗	✗	✗	✗
Management	Node configuration mode - auto/router/bridge	Router Only	Router Only	Router Only	✓	Intellifi Auto-sense	Intellifi Auto-sense	Intellifi Auto-sense	Intellifi Auto-sense
Management	Node rebooting	✓	✓	✓	✓	✓	✓	✓	✓
Management	Logpull / Log Collection	✓	✓	✓	✓	✓ Syslog	✓ Syslog	✓ Syslog	✓ Syslog
Management	Log management	✓	✓	✓	✓	✓	✓	✓	✓
Management	Thermal management	✗	✗	✗	✗	✗	✗	✗	✗
Management	Radio shutdown	✓	✓	✓	✓	✓	✓	✓	✓
Management	Persistent storage	✓	✓	✓	✓	✓	✓	✓	✓
Management	Cloud Bluetooth Onboarding	✓	✓	✓	✓	✗	✗	✗	✗
Management	Dual bank auto-recovery	✓	✓	✓	✓	✓	✓	✓	✓
Management	Captive portal	✗	✗	✗	✗	✓	✓	✓	✓
Management	Local GUI	✗	✗	✗	✗	✓	✓	✓	✓
Management	Device Access Schedules	✓ (Homepass)	✓ (Homepass)	✓ (Homepass)	✓ (Homepass)	✓	✓	✓	✓
Management	SNMP	✗	✗	✗	✗	✓	✓	✓	✓
Management	Network Time Protocol	✓ Cloud Synced	✓ Cloud Synced	✓ Cloud Synced	✓ Cloud Synced	✓	✓	✓	✓
Management	Custom Configuration / Custom Firmware	✗	✗	✗	✗	✓	✓	✓	✓
Mesh	Wi-Fi GRE	✓	✓	✓	✓	✓	✓	✓	✓
Mesh	Ethernet backhaul	✓	✓	✓	✓	✓	✓	✓	✓
Mesh	Secure Wi-Fi mesh backhaul	✓	✓	✓	✓	✓	✓	✓	✓
Mesh	Topology View / Topology changes	✓	✓	✓	✓	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)
Mesh	Mesh backhaul - Wi-Fi multi-AP (WDS)	✗	✗	✗	✗	✓	✓	✓	✓
Mesh	Intellifi (Auto-Meshing, Router/Extender Sensing Technology)	✗	✗	✗	✗	✓	✓	✓	✓
Metrics/Analytics	Wi-Fi statistics	✓	✓	✓	✓	✓	✓	✓	✓
Metrics/Analytics	FSM stats (HERO)	✗	✗	✗	✗	✗	✗	✗	✗
Metrics/Analytics	Smart Home Analytics Support	✗	✗	✗	✗	✗	✗	✗	✗
Motion	Motion detection	✗	✗	✗	✗	✗	✗	✗	✗
Network	Wired clients	✓	✓	✓	✓	✓	✓	✓	✓
Network	Quality of Service (VLAN-ID, 802.1p Bit, DSCP to p bit)	✗	✗	✗	✗	✓	✓	✓	✓
Network	Marking/Remarking	✗	✗	✗	✗	✓	✓	✓	✓
Network	Broadcast/Multicast Rate Limiting	✗	✗	✗	✗	✓	✓	✓	✓
Network	DNS Proxy	✗	✗	✗	✗	✓	✓	✓	✓
Network	Static Routing	✗	✗	✗	✗	✓	✓	✓	✓
Network	Dynamic Domain Name Server	✗	✗	✗	✗	✓	✓	✓	✓
Reporting	Node status	✓	✓	✓	✓	✓	✓	✓	✓
Reporting	LAN stats	✓	✓	✓	✓	✓	✓	✓	✓

Category	Feature								
Reporting	Latency and jitter QoE metrics per IP flow	X	X	X	X	✓	✓	✓	✓
TR-069	NPT	✓ via MDM/ACS	✓ via MDM/ACS	✓ via MDM/ACS	✓ via MDM/ACS **Router mode Only**	✓ via MDM/ACS	✓ via MDM/ACS	✓ via MDM/ACS	✓ via MDM/ACS **Router mode Only**
TR-069	NPT Performance Certified	1G Tier and below	1G Tier and below	1G Tier and below	1G Tier and below	1G Tier and below	1G Tier and below	1G Tier and below	1G Tier and below
TR-069	TR-69 Upgrade/TR-069 Auto-upgrade	✓	✓	✓	✓	✓	✓	✓	✓
TR-069	Configuration management	X	X	X	X	✓	✓	✓	✓
TR-069	PPPoE Credential Push	✓	✓	✓	✓	✓	✓	✓	✓
TR-069	Voice (TR-069)	X	X	X	X	X	X	X	X
TR-069	TR-069 ACS Support	✓	✓	✓	✓	✓	✓	✓	✓
Voice	Regional Voice Support (FXS, SIP, RTP/ RTCP, G.711 Mu-Law, G.711 A-Law, G.729AB, G.726, T.38, Caller ID, Call waiting, Call conference, Message Waiting Indication)	X	X	X	X	US, CA, AU, GB, ETSI, NZ	US, CA, AU, GB, ETSI, NZ	US, CA, AU, GB, ETSI, NZ	US, CA, AU, GB, ETSI, NZ
Voice	Voice Passthrough (No VLANs)	✓	✓	✓	✓	✓	✓	✓	✓
Voice	Voice VLAN Passthrough	X	X	X	X	✓	✓	✓	✓
Voice	TR-104	X	X	X	X	✓	✓	✓	✓
WAN	WAN Management (PPPoE, Static IP, VLAN)	X	X	X	X	✓	✓	✓	✓
WAN	LTE Backup	X	X	X	X	X	X	✓	✓
WAN	5G Cellular	X	X	X	X	X	X	✓	X
WAN	PPPoE (via ACS)	✓	✓	✓	✓	✓	✓	✓	✓
WAN	PPPoEv6	X	X	X	X	✓	✓	✓	✓
WAN	AnyWAN (Auto Detect WAN Type)	X	X	X	X	✓	✓	✓	✓
WAN	Any Port/Any Service	X	X	X	X	✓	✓	✓	✓
WAN	Disable NAT	X	X	X	X	✓	✓	✓	✓
Wi-Fi	WPA2								
Wi-Fi	Multi-PSK access control	✓	✓	✓	✓	X	X	X	X
Wi-Fi	WPS	✓ Cloud and Push Button	✓ Cloud and Push Button	✓ Cloud and Push Button	✓ Cloud and Push Button	✓ GUI and Push Button	✓ GUI and Push Button	✓ GUI and Push Button	✓ GUI and Push Button
Wi-Fi	WPA3	X*	X*	X*	X*	X	X	X	X
Wi-Fi	Wi-Fi EasyConnect - DPP 1.2	X	X	X	X	X	X	X	X
Wi-Fi	Multicast-to-unicast support for Wi-Fi STB	X	X	X	X	X	X	X	X
Wi-Fi	Wi-Fi Scan	✓ in Cloud	✓ in Cloud	✓ in Cloud	✓ in Cloud	✓	✓	✓	✓
Wi-Fi	Individual Radio Configuration	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Manual Transmit Power Control	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Auto Channel	✓	✓	✓	✓	✓	✓	✓	✓
Wi-Fi	Auto Channel/Power Mesh	✓	✓	✓	✓	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)
Wi-Fi	Guest SSID	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Designated Video SSID	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Regional Wi-Fi Support	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ	US, CA, AU, GB, DE, NZ
Wi-Fi	Mac Filtering (Whitelist/Blacklist)	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Wi-Fi 5 / Wi-Fi 6	**Wi-Fi 5**	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6	**Wi-Fi 5**	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6
Wi-Fi	Dynamic Frequency Selection - DFS	✓	✓	✓	✓	✓	✓	✓	✓
Wi-Fi	Zero-wait DFS	X*	X*	X*	X*	X	X	X	X
Wi-Fi	Band steering	✓	✓	✓	✓	✓	✓	✓	✓
Wi-Fi	Cloud steering	✓	✓	✓	✓	X	X	X	X
Wi-Fi	Legacy 802.11a/b/g/n/ac Support	✓	✓	✓	✓	✓	✓	✓	✓
Wi-Fi	Dynamic noise floor	✓	✓	✓	✓	X	X	X	X
Wi-Fi	802.11r (Fast Roaming)	X	X	X	X	✓	✓	✓	✓