			SmartOS 11.2.6.1						
oup	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
Diagnostics Diagnostics	Speed test (ookla) Admin CLI			4					
Diagnostics	Ping / Traceroute	×	×	×	x		1		4
DPI	Advanced device typing	2			, ,	X	X	X	X
DPI	Device freeze	1	1	1	1	Ŷ	Ŷ	x	x
DPI	Adblocking and DNS Protection	1	1	1	1	x	x	X	x
DPI	IP threat detection	√	✓	✓	1	X	x	X	X
DPI	Advanced IoT protection (anomaly detection and quarantine)	1	✓	√	1	X	x	X	X
DPI	IP flow management	✓	✓	✓	√	X	x	X	X
DPI	URL or SNI/hostname-based content filtering	✓	1	1	✓	X	X	X	X
DPI	Application monitoring and screentime	✓	✓	✓	✓	X	X	X	X
DPI	Denial of service protection	×	×	×	1	<u>×</u>	X	X	X
DPI	URL or SNI/hostname-based content filtering	√	✓	✓	✓ 	<u> </u>	X	<u> </u>	X
Network	Wi-Fi Easy Connect - DPP 1.1	×	X	×	×	X	X	X	X
Firewall Firewall	NAT/NAPT	<u> </u>	×						
Firewall	Custom Access Control Lists VPN Pass Through (PPTP, L2TP, IPSec)	÷.	÷ .	÷	- ÷		1		•
Firewall	Demilitarized Zone (DMZ)	÷	÷	÷	÷		4		
Hardware	1G WAN	<u>,</u>	-	÷	(hoth ports can be WAN)				-
Hardware	2.5G WAN	×	Y	×	✓ (both ports can be WAN) ✓ (both ports can be WAN)	Y	X	Y	×
Hardware	1G LAN Ports	<u>×</u>	4	4	✓ (both ports can be WAN)	4	4	4	1
		-	-	-	1	4	1	4	2.4Ghz 2X2, 5Ghz L 2X2, 5Gh
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		U 4x4
Hardware	Bluetooth 5.0	1	1	1	1	1	✓	1	✓
IPTV	IGMP snooping	1	1	1	1		✓		1
IPTV	IGMP proxy	✓	✓	✓	✓ 	√	1	1	1
IPTV	VLAN 802.1Q support (supporting separate unique IPTV SSID and PSK)	X	X	X	X	1	1	1	1
IPTV	IPTV Video Analyzer	X	X	X	X	√	✓	✓	√
IPv4	DHCP reservation, DNS server, subnet DHCP, port forwarding	1	✓	✓	1	✓			
IPv4	uPnP	1	×	×	1	✓	<	<	✓
IPv4	DNS Static Hostname Support	X	X	X	X	√	1	1	1
IPv6	Passthrough	X*	X*	X*	X*	1	1	1	1
IPv6	MLD snooping	X*	X*	X*	X*	X	X	X	X
IPv6	MLD proxy	X*	X*	X*	X*	X	X	X	X
IPv6	Native	X*	X*	X*	X*	i v	✓	V V	✓
IPv6	Mode (DHCP stateless/stateful)	✓	✓	✓	✓	√	1	<	1
IPv6	Mode (SLAAC + RDNSS)	X*	¥*	X*					1
		<u>/</u>	^	<u> </u>	X*		1	<	V
IPv6	MAP-T	Ŷ*	X*	X*	X* X*		~		· · · · · · · · · · · · · · · · · · ·
Management	Plume Cloud Upgrade	· · · · · · · · · · · · · · · · · · ·	X* X	· · · · ·		×	×	×	X
Management		X*	X*	X*			× × ×	× × ×	× × ×
Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge	X* X	X* X ✓ Router Only	X* X V Router Only	✓ ✓ ✓ ✓	X X Intellifi Auto-sense	X X Intellifi Auto-sense	✓ X X Intellifi Auto-sense	X X Intellifi Auto-sense
Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting	X* X ✓ Router Only	X* X V Router Only	X* X Router Only		X X Intellifi Auto-sense √	X X Intellifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul //Log Collection	× × ✓ Router Only	X* X V V Router Only V	X* X Image: Constraint of the second sec		X X Intelifi Auto-sense √ √ Syslog	X X Intellifi Auto-sense √ √ Syslog	X X Intellifi Auto-sense √ √ Syslog	X X Intelifi Auto-sense
Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management	X* X ✓ Router Only	X* X V Router Only	X* X Router Only		X X Intellifi Auto-sense √	X X Intellifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul / Log Collection Log management Thermal management	× × ✓ Router Only ✓ ✓ ✓ ✓	X* X Router Only - - - - - - - - - - - - - - - - - - - X	X* X Router Only √ √ X X		X Intellifi Auto-sense V Vsyslog V X	X X Intellifi Auto-sense √ Syslog √ X	X X Intellifi Auto-sense √ √ Syslog √ X	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X
Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown	× × × × × × × × × × × × × × × × × × ×	X* X V Router Only V V V V V V V V V V V V V V V V V	X* X Image: Constraint of the second sec	· · · · · · · · · · · · · · · · · · ·	X X Intelif Auto-sense	X X Intellifi Auto-sense V V Syslog V X V	X X Intellifi Auto-sense √ √ Syslog √ X √	X X Intellifi Auto-sense
Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shutdown Persistent storage	× × × Router Only √ √ × × ×	X∗ X Router Only √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √	X* X Router Only √ √ X √ √ √ √ √ √ √ √ √ √	· · · · · · · · · · · · · · · · · · ·	X X Inteliff Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √ √ Syslog √ X	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X
Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding	× × × × Router Only ✓ ✓ ✓ × × ×	X* X Router Only -	X* X Router Only -	· · · · · · · · · · · · · · · · · · ·	X X Intellif Auto-sense ✓ ✓ Syslog ✓ X X ✓ X	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X X ✓ X	X X Intelifi Auto-sense ✓ Syslog ✓ X X ✓ X	X X Intelifi Auto-sense V Syslog X X V X
Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery	× × × Router Only √ √ × × ×	X∗ X Router Only √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √	X* X Router Only √ √ X √ √ √ √ √ √ √ √ √ √	· · · · · · · · · · · · · · · · · · ·	X X Intellif Auto-sense	X X Intelifi Auto-sense V V V X V X V X V V V V V V V V V V V V V	X X Intelifi Auto-sense ✓ ✓ Sysiog ✓ X ✓ ✓ X ✓	X X Intellifi Auto-sense
Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shutdown Persistert storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal	× × × × Router Only ✓ ✓ ✓ × × ×	X∗ X Router Only √ X √ X √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ X	X* X Router Only -	· · · · · · · · · · · · · · · · · · ·	X X Inteliff Auto-sense ✓ Syslog ✓ X ✓ ✓ ✓ X ✓ ✓ X ✓ ✓ X ✓ ✓ ×	X X Intellifi Auto-sense ✓ Syslog ✓ X X ✓ X X ✓ X	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X ✓ ✓ X ✓ ✓	X X Intellifi Auto-sense V Sysiog V X X V X X V X V V
Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - autofrouter/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Loca GUI	X∗ X √ Router Only √ X X	X* X V Router Only V X X X	X* X Router Only Image: Image of the state of the stateo		X X Intellif Auto-sense	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X ✓ ✓ X X ✓ X ✓ ✓ X	X X Intellifi Auto-sense ✓ Syslog ✓ X ✓ X X ✓	X X Intellifi Auto-sense V Syslog V X V X V V V V V V V V V
Management Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Locad GUI Device Access Schedules	X+ X √ Router Only √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ X √ X √ X √ X	X∗ X √ Router Only √ × × × × × × × × × × × × × ×	X* X Router Only - </td <td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td> <td>X X Inteliff Auto-sense</td> <td>X X Intellifi Auto-sense</td> <td>X X Intellifi Auto-sense</td> <td>X X Intellifi Auto-sense V V V X X X X X V V V V V V V V V V V</td>	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense V V V X X X X X V V V V V V V V V V V
Management Management Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - autofrouter/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Loca GUI	X∗ X √ Router Only √ X X	X* X V Router Only V X X X	X* X Router Only Image: Image of the state of the stateo		X X Intellif Auto-sense	X X Intellifi Auto-sense ✓ ✓ Syslog ✓ X ✓ ✓ X X ✓ X ✓ ✓ X	X X Intellifi Auto-sense ✓ Syslog ✓ X ✓ X X ✓	X X Intellifi Auto-sense V Syslog V X V X V V V V V V V V V
Management Management Management Management Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - autofrouter/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intelifi Auto-sense V V V X V V V V V V V V V V V V V V V
Management Management Management Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul/Log Collection Logpul/Log Collection Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Locad GUI Device Access Schedules SNMP Network Time Protocol	X+ X √ Router Only √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ X √ X √ X √ X	X∗ X √ Router Only √ × × × × × × × × × × × × × ×	X* X Router Only - </td <td>✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓</td> <td>X X Intellif Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V</td> <td>X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √</td> <td>X X Intellifi Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V</td> <td>X X Intellifi Auto-sense V V V X X X X X V X V V V V V V V V V</td>	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intellif Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense V V V X X X X X V X V V V V V V V V V
Management Management Management Management Management Management Management Management Management Management Management Management Management Management	Plume Cloud Upgrade LED management Node configuration mode - autofrouter/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √ √ ×
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Local GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-Fi GRE Ethernet backhaul	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intellif Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense √ √ ×
Management Management	Plume Cloud Upgrade LED management Node configuration mode - autofrouter/bridge Node rebooting Logpul/ Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware WFI-FI GRE Ethernet backhaul	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intelifi Auto-sense √ √ Syslog √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Inteliff Auto-sense V V V V V V V V V V V V V	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoth Onboarding Dual bank auto-recovery Captive portal Local GUI Device Access Schedules SNMP Network Time Protocd Custom Configuration / Custom Firmware Wi-Fi GRE Ethermet backhaul Secure Wi-Fi mesh backhaul Topology Vew (7 Topology changes	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intellif Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense V V Syslog V V V V V V V V V V V V V V V V V V V	X X Intellifi Auto-sense √ √ ×
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpul/ / Log Callection Log management Thermal management Radio shutdown Persistent storage Cloud Buetooth Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-FI GRE Ethernet backhaul Topology View / Topology changes Mesh backhaul Topology View / Topology changes	X X Router Only √	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense √ √ Syslog √ X √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Loguli / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Cloud Bluetooth Onboarding Device Access Schedules SNMP Network Time Protocol Cloud Custom Configuration / Custom Firmware WE/FIGEE Ethernet backhaul Topology View / Topology charges Mesh backhaul - Wi-Firmulis-AP (WDS) Intellif (Auto-Meshing, Router/Extender Sensing Technology)	X* X Router Only √ × × × × × × × × ×	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intelifi Auto-sense √ √ Syslog √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Inteliff Auto-sense V V V V V V V V V V V V V	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Loguli / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Local GUI Device Access Schedules SNMP Network Time Protocol Cloud Buetown / Topology changes Wi-Fi GRE Element backhaul Topology Urver / Topology changes Mesh backhaul - Wi-Fi multi-AP (WDS) Intellif (Auto-Meshing, RUMEr/Ketned Resning Technology) Wi-Fi statistics FSM tatis (HERO)	X X Router Only √	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense √ √ Syslog √ X √ X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node configuration mode - autorouter/bridge Logpull / Log Collection Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP Network Time Protocd Custom Configuration / Custom Firmware Wi-Fi GRE Ethernet backhaul Topology View / Topology changes Mesh backhaul - Wi-Fi matiliscs FSM stats (HERO) FSM stats (HERO) Smart Home Anaylics Support	X X Router Only √	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense √ √ Syslog √ X √ X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Loguni / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Cloud Bluetooth Onboarding Device Access Schedules SNMP Network Time Protocol Cloud Custom Configuration / Custom Firmware WHF TotaBlue Ethernet backhaul Topology View / Topology charges Mesh backhaul - WHF Ti statistics Topology View / Topology charges FSM tatis (HERO) Smart Home Analytics Support Motion detection	X X Router Only √	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense √ √ Syslog √ X √ X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Logpull / Log Collection Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP Network Time Protocd Custom Configuration / Custom Firmware Wi-Fi GRE Ethemet backhaul Topology Vew / Topology changes Mesh backhaul - Wi-Fi matti-AP (WDS) Intellifi (Auto-Meshing, Router/Extender Sensing Technology) Wi-Fi Statstics FSM stats (HERO) SmatH Home Analytics Support Motion detection Wired clients	X X Router Only √	X∗ X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense	X X Intellifi Auto-sense √ √ Syslog √ X X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Loguni / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Cloud Bluetooth Onboarding Device Access Schedules SNMP Network Time Protocol Cloud Custom Configuration / Custom Firmware WHF TotaBlue Ethernet backhaul Topology View / Topology charges Mesh backhaul - WHF Ti statistics Topology View / Topology charges FSM tatis (HERO) Smart Home Analytics Support Motion detection	X X Router Only √ × × × × × × × × ×	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X X X X X X X X X X X X X X X X X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X × × × × × × × × × × × × × × × × ×	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Inteliff Auto-sense √ √ Syslog √ X √ X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intelifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense √ ×
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Loca GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-Fi GRE Ethermet backhaul Topology Vev / Topology changes Mesh backhaul - Wi-Fi matti-AP (WDS) Intellifi (Auto-Meshing, Router/Extender Sensing Technology) Wi-Fi statistics FSM stats (HERO) Smatt Home Analytics Support Motion detection WirFi statistics FSM stats (HERO) Smatt Home Analytics Support Motion detection WirFi statistics Smatt Home Analytics Support Motion detection Ward clients Quality of Service (VLAN-ID, 802.1p Bit, DSCP to p bi	X* X Router Only √ × × × × × × × × × ×	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X ×	√ × × × × × × × × × × × × × × × × ×	X X Inteliff Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense	X X Intellifi Auto-sense V V V X V V V V V V V V V V V V V
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Log pull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetooth Onboarding Dual bank auto-recovery Captive portal Local GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-Fi GRE Eithernet backhaul Topology changes Mesh backhaul Vi-Fi statistics FISM stats (HERO) Simart Home Analytics Support Motio detection Wired clients Quality of Service (VLAN-ID, 802.1 p.Bit, DSCP to p.bit) Marking/Remarking Broadcast/Multicast Rate Limiting	X* X √ Router Only √ ×	X* X Router Only -	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X ×	√ × ×	X X Intelif Auto-sense √ √ Syslog √ X √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense √	X X Intellifi Auto-sense ✓ Syslog ✓ X ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	X X Intelifi Auto-sense √ √ √ √ × √ × √ × √ × × × √ × × × × × × ×
Management Management	Plume Cloud Upgrade LED management Node configuration mode - autoircuter/bridge Node rebooting Logpull / Log Collection Logpull / Log Collection Thermal management Radio shutdown Persistent storage Cloud Bluetoch Onboarding Dual bank auto-recovery Captive portal Locar GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-Fi GRE Ethernet backhaul Secure Wi-Fi meth-DavChaul Topology Vev / Topology changes Mesh backhaul - Wi-Fi matti-AP (WDS) Intellifi (Auto-Meshing, Router/Extender Sensing Technology) Wi-Fi statistics FSM stats (HERO) Smatt Home Analytics Support Motion detection WirFi dents Quality of Service (VLAN-ID, 802.1p Bit, DSCP to p bit) Marking/Remarking Broadcast/Multicast Rate Limiting DNS Proxy	X* X √ Router Only √ ×	X* X Router Only -	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X ×	√ × × × × × × × × × × × × × × × ×	X X Inteliff Auto-sense	X X Intelifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense	X X Intelifi Auto-sense ✓
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Device Access Schedules SIMP Network Time Protocol Custom Configuration / Custom Firmware WiFF GEE Ethernet backhaul Topology Vew / Topology changes Mesh backhaul - Wi-Fi multi-AP (VDS) Intellif (Auto-Meshing, Raviter Schedy Coll FSM stats (HERO) Smart Home Analytics Support Motion detection Wired cleints Quality of Service (VLAN-HD, 802.1p. Bt, DSCP to p bit) Marking/Remarking Broadcast/Multicast Rate Limiting DNS Proxy Static Routing	X* X √ Router Only √ ×	X* X Router Only -	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X ×	√ × ×	X X Intellif Auto-sense √ √ Syslog √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Inteliff Auto-sense V V V V V V V V V V V V V	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpull / Log Collection Log management Thermal management Radio shutdown Persistent storage Cloud Bluetoth Onboarding Dual bank auto-recovery Captive portal Local GUI Device Access Schedules SNMP Network Time Protocol Custom Configuration / Custom Firmware Wi-Fi GRE Ethernet backhaul Secure Wi-Fi meth backhaul Topology Ven/ Topology changes Meth backhaul - Wi-Fi meth backhaul Secure Vi-Fi meth backhaul Statis (HERO) FSM tatis (HERO) Smart Home Analytics Support Motion detection Wiref citents Quality of Service (VLANHD, 802 1p BI, DSCP to p bit) Marking/Remarking Broadcast/Multicast Rate Limiting DNS Proxy Static Routing Dynamic Domain Name Server	X* X Router Only √ ×	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X	X X X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X	√ × ×	X X Inteliff Auto-sense	X X Intelifi Auto-sense √ √ √ × × √ √ × × × × × × × × × × × × ×	X X Intellifi Auto-sense	X X Intellifi Auto-sense √
Management Management	Plume Cloud Upgrade LED management Node configuration mode - auto/router/bridge Node rebooting Logpuil / Log Collection Log management Thermal management Radio shuddown Persistent storage Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Dual bank auto-recovery Cloud Buetooth Onboarding Device Access Schedules SIMP Network Time Protocol Custom Configuration / Custom Firmware WiFF GEE Ethernet backhaul Topology Vew / Topology changes Mesh backhaul - Wi-Fi multi-AP (VDS) Intellif (Auto-Meshing, Raviter Schedy Coll FSM stats (HERO) Smart Home Analytics Support Motion detection Wired cleints Quality of Service (VLAN-HD, 802.1p. Bt, DSCP to p bit) Marking/Remarking Broadcast/Multicast Rate Limiting DNS Proxy Static Routing	X* X √ Router Only √ ×	X* X Router Only -	X* X Router Only √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X √ X ×	√ × × × × × × × × × × × × × × × ×	X X Intellif Auto-sense √ √ Syslog √ √ √ √ √ √ √ √ √ √ √ √ √	X X Intellifi Auto-sense √ √ √ √ √ √ √ √ √ √ √ √ √	X X Inteliff Auto-sense V V V V V V V V V V V V V	X X Intellifi Auto-sense √

Reporting	Latency and jitter QoE metrics per IP flow	X	X	X	X	√	1	✓	1
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	✓	✓	 Image: A set of the set of the	✓
TR-069	PPPoE Credential Push	✓	1	✓	×	✓	✓	✓	✓
TR-069	Voice (TR-069)	×	X	X	X	X	×	×	X
TR-069	TR-069 ACS Support	✓	1	✓	✓	✓	✓	 Image: A set of the set of the	✓
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	×	×	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	V	✓	1	✓
WAN	WAN Management (PPPoE, Static IP, VLAN)	×	×	×	×	✓	✓	×	1
WAN	LTE Backup	X	X	X	X	✓	✓	1	✓
WAN	5G Cellular	×	X	X	X	X	X	✓	X
WAN	PPPoE (via ACS)	✓	✓	✓	✓	✓	✓	✓	✓
WAN	PPPoEv6	X	X	X	X	V	✓	 Image: A set of the set of the	✓
WAN	AnyWAN (Auto Detect WAN Type)	×	X	X	X	✓	✓	✓	✓
WAN	Any Port/Any Service	X	X	X	X	✓	✓	V	✓
WAN	Disable NAT	X	X	X	X	✓	✓	✓	✓
Wi-Fi	WPA2	✓	1	✓	✓	✓	✓	✓	✓
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*	✓	×	×	1
Wi-Fi	Wi-Fi EasyConnect - DPP 1.2	×	X	X	X	X	X	X	X
Wi-Fi	Multicast-to-unicast support for Wi-Fi STB	✓	1	✓	1	×	X	X	X
Wi-Fi	Wi-Fi Scan	✓ in Cloud	✓ in Cloud	✓ in Cloud	✓ in Cloud	✓	✓	✓	1
Wi-Fi	Individual Radio Configuration	×	X	X	X	✓	✓	✓	1
Wi-Fi	Manual Transmit Power Control	×	X	X	X	✓	×	✓	1
Wi-Fi	Auto Channel	✓	✓	✓	1	✓	×	1	1
Wi-Fi	Auto Channel/Power Mesh	✓	✓	✓	1	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)	✓ (Intellifi)
Wi-Fi	Guest SSID	X	X	X	X	✓	✓	✓	✓
Wi-Fi	Designated Video SSID	×	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	✓	✓	×	1
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	×
Wi-Fi	Band steering	✓	✓	✓	✓	✓	✓	V	1
Wi-Fi	Cloud steering	✓	✓	✓	√	X	X	X	X
Wi-Fi	Legacy 802.11a/b/g/n/ac Support	✓	✓	 Image: A second s	✓	✓	V	V	
Wi-Fi	Dynamic noise floor	✓	✓	1	✓	X	X	X	X
Wi-Fi	802.11r (Fast Roaming)	×	X	X	X	✓	✓	✓	✓