

MANAGED WI-FI MESH POINT SOLUTION

Wi-Fi Extender, 802.11 ac
Dual-Band Access Point

Engineered for the ultimate performance, usability & speed

The VAP4641 wireless mesh point uses 802.11 Wave 2 technology, including advanced range booster antenna allows customers to retain traditional “wired” levels of service and quality, while having flexibility of location and ease of installation of the access point.

As mesh points need to be placed in many different locations in a wide range of home layouts. An internal power supply with standard power cable connectors enables easier extension or replacement with a longer cable than if an external power supply unit was used.

The VAP4641 includes a full suite of management features to ensure an optimal Wi-Fi experience. Being ARRIS Wi-Fi Home capable, two or more mesh points may be used together to create a single, auto-configuring, auto-optimizing network to deliver high performance Wi-Fi throughout the home.



FEATURES:

- Scandinavian design
- 4x4 5 GHz 802.11ac Wave 2 Wi-Fi
- 2x2 2.4 GHz 802.11n Wave 2 Wi-Fi
- ARRIS Wi-Fi Home enabled for whole-home Wi-Fi coverage and performance
- ARRIS ECO Agent™ TR-069 and ECO Envoy™ USP management clients integrated
- Wi-Fi CERTIFIED EasyMesh™
- ICASA TA-2019/667 Approved



VAP4641 Wi-Fi Mesh Point - Specifications

Wireless Characteristics

4x4 5GHz 802.11ac

2x2 2.4GHz 802.11n

4 Spatial Streams

MU-MIMO

Implicit/Explicit Dynamic Digital Beam forming

High-Power Transmit For Maximum Coverage

802.11e, 802.11k, 802.11v, 802.11r

5 GHz Wireless Operating Channels

5 GHz UNII bands (5.15–5.35 GHz, 5.470–5.725 GHz and 5.725 – 5.850 GHz bands)

20, 40, 80 and 160 MHz bandwidths supported

ARRIS Wi-Fi Home features

Automatic discovery and setup

Continuous pushing of Wi-Fi configuration to additional units

Band steering for link improvement and load balancing

Client steering for roaming, link improvement, and load balancing

ARRIS Wi-Fi Home Mobile App support

Wi-Fi CERTIFIED EasyMesh

Wireless Security

WPA2/WPA/AES/WEP-128/WEP-64

Push-Button Wireless Setup (WPS)

Wired Network Interfaces

1 x RJ45 Gigabit Ethernet (10/100/1000) LAN port

Management

ARRIS ECO Agent TR-069 compliant management client

ARRIS ECO Envoy USP compliant management client

Password-Protected, Local Web Access

ARRIS Wi-Fi Home Mobile App support

LEDs

Power/WPS status/Backhaul status

RJ45/LAN status LEDs

Regulatory Certification (pending)

ICASA TA-2019/667 Approved

Wi-Fi Alliance

CE Mark

FCC

RoHS compliant

Operating Environment

Operating Temperature 0° to +40°C

Storage Temperature -40° to +60°C

Relative Humidity 8% to 95%; Non-Condensing

Physical Specifications

130mm x 100mm x 40mm (5.1in. x 3.9in. x 1.6in.)

Accessories

AC power cable

Quick Start Guide



Android



iOS

