Engineered for performance, usability and design, VAP4641 wireless extenders allow service providers to securely deliver high-quality Wi-Fi to any location in a subscriber’s home.

Using 802.11ac wave 2 technology, including advanced range booster technology, customers retain traditional “wired” levels of service and quality, while having flexibility of location and ease of installation. Service providers can leverage the enhanced remote management and monitoring capabilities to reduce support costs.

As extenders need to be placed in many different locations in a wide range of home layouts, the VAP4641 allows both a wall plug deployment using the included wall plug adapter as well as a traditional desktop placement using a power cable. An internal power supply with standard power cable connectors enables easier extension or replacement with a longer cable than if an external power unit was used.

The VAP4641 includes a full suite of management features to ensure an optimal customer experience and to reduce operator operational expense. The extender may be part of an ARRIS HomeAssure Wi-Fi solution to deliver high-performance Wi-Fi throughout the home as part of an auto-configuring, auto-optimizing network.

Furthermore, the product comes with the an integrated ARRIS ECO Agent TR-069 client as well as being prepared for the next generation of CPE management standards with the integration of the ARRIS Envoy USP (User Service Platform) client.
### GENERAL SPECIFICATIONS

**Wireless Characteristics**

- 4x4 5GHz 802.11ac
- 2x2 2.4GHz 802.11n
- 4 Spatial Streams
- MU-MIMO
- Implicit/Explicit Dynamic Digital Beamforming
- High-Power Transmit for Maximum Coverage

**5 GHz Wireless Operating Channels**

- 5 GHz UNII bands (5.15–5.35 GHz, 5.470–5.725 GHz and 5.725–5.85 GHz bands)
- 20, 40, 80, and 160 MHz bandwidths supported

**ARRIS HomeAssure Wi-Fi 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 HomeAssure Mobile App support**

- Wi-Fi CERTIFIED EasyMesh – network controller

**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

### SPECIFICATIONS CONTINUED

**Management**

- ARRIS ECO Agent TR-069 compliant management client
- ARRIS ECO Envoy USP compliant management client
- Password-Protected, Local Web Access
- ARRIS HomeAssure Mobile App support

**LEDs**

- Power/WPS status/Backhaul status
- RJ45/LAN status LEDs

**Regulatory Certification (pending)**

**Operating Environment**

- Wi-Fi Alliance
- CE Mark
- FCC
- RoHS compliant

**Physical Specifications**

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

**Accessories**

- AC power cable
- Wall-mount AC plug
- Quick Start Guide