

ARRIS VAP 4641

WI-FI TO WI-FI / ETHERNET 4X4 802.11AC DUAL-BAND CONCURRENT

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.

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 highperformance Wi-Fi throughout the home as part of an auto-configuring, auto-optimizing network.

Furthermore, the product comes with the 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.

- Wireless Repeater / Wireless Access Point
- Scandinavian design with flexible placement options:
 - Wall pluggable
 - Desktop placement
- 4x4 5 GHz 802.11ac wireless access point
- 2x2 2.4 GHz 802.11n wireless access point
- 1 x RJ45 Gigabit Ethernet (10/100/1000) LAN port
- ARRIS HomeAssure enabled for whole-home Wi-Fi coverage and performance
- ARRIS ECO Agent TR-069 and ARRIS ECO Envoy USP (User Services Platform) management clients integrated
- Wi-Fi CERTIFIED EasyMesh
- 130mm x 100mm x 40mm (5.1in. x 3.9in. x 1.6in.)



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
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 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)
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)
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
Wall-mount AC plug
Quick Start Guide