DKT CONNECT

ARRIS VAP4641 WI-FI EXTENDER

INTRODUCTION

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 802.11 ac 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.

ARRIS VAP4641 Wi-Fi Extender

Item No. 151060180

PRODUCT OVERVIEW

"ARRIS VAP4641 WI-FI EXTENDER"

General Specifications
Wireless Characteristics
4 x 4 5 GHz 802.11 ac
2 x 2 2.4 GHz 802.11 n
4 Spatial Streams
MU-MIMO
Implicit/Explicit Dynamic Digital Beamforming
High-Power Transmit For Maximum Coverage
802.11 e, 802.11 k, 802.11 v, 802.11 r
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)
Wired Network Interfaces
1 x RJ45 Gigabit Ethernet (10/100/1000) LAN port

General 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)
Wi-Fi Alliance
CE Mark
FCC
RoHS compliant
Operating Enviroment
Operating Temperature 0º to +40ºC
Storage Temperature -40º to +60ºC
Relative Humidity 8 % to 95 %; Non-Condensing
Physical Specifications
130 mm x 100 mm x 40 mm (5.1 in. x 3.9 in. x 1.6 in.)
Accessories
AC power cable
Wall-mount AC plug
Quick Start Guide

ADDITIONAL INFORMATION

- Scandinavian design with flexible placement options:
  - Wall-mountable
  - Desktop placement
- ARRIS HomeAssure™ 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™