

VAP4402 Wi-Fi to Wi-Fi / Ethernet Extender

4x4 802.11ac dual-band concurrent Wi-Fi

FEATURES

- 4x4 5 GHz 802.11ac wireless access point
- 2x2 2.4 GHz 802.11n wireless access point
- 2 x Gigabit Ethernet ports
- Simple, push-button wireless setup for backhaul and wireless clients
- ARRIS HomeAssure™ Enabled
- TR-069 Management Client



PRODUCT OVERVIEW

Engineered for maximum performance, the VAP4402 wireless extender allows service providers to securely deliver high-quality Wi-Fi to any location in a subscriber's home.

Using state-of-the-art wireless technology, including digital beamforming, customers retain traditional "wired" levels of service and quality, while service providers enjoy the benefits of shortened installation times and more flexibility in how they deploy their IPTV or broadband services.

The VAP4402 is designed for flexibility and can be deployed in a number of ways. A VAP4402 is typically connected to an existing residential gateway or home router. The VAP4402 will automatically configure itself to act as a wireless extender for the home. Devices, such as tablets and wireless set-top boxes with Wi-Fi, can immediately connect to the VAP4402 to start receiving services.

The VAP4402 includes a full suite of management features to ensure an optimal customer experience and reduce operator expenses. Specifically, the VAP4402 includes local web-based configuration and is remotely managed via TR-069.

The VAP4402 wireless extender delivers trouble-free Wi-Fi throughout the home without the hassle and experience of installing new home wiring. It is designed to be cost-effective, but still meet the strict needs of today's full-service carrier. Service providers can leverage the VAP4402 to differentiate their service offering and reduce cost by utilizing the product as an alternative to wired connectivity options typically utilized in today's deployments.

GENERAL SPECIFICATIONS

Network Interfaces

2 x RJ45 Gigabit Ethernet (10/100/1000) LAN ports

IEEE 802.11ac (4x4 MIMO) Wireless Radio

IEEE 802.11n (2x2 MIMO) Wireless Radio

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

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 and 80 MHz channels supported

Wireless Security

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

Push-Button Wireless Setup (WPS)

ARRIS HNE integrated for automatic discovery and setup

GENERAL SPECIFICATIONS - CONTINUED

Management

Password-Protected, Local Web Access

TR-069 Management Client

Detailed Statistics Logging

ARRIS HomeAssure™ Enabled

LEDs

Power

Wireless Backhaul Quality

Wireless Quality (towards clients)

Regulatory Certification

Wi-Fi Alliance

CE Mark

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

8,3" x 5.1" x 1.2 (3)" 21 cm x 13 cm x 3.1 (7.6) cm

0.7 lbs 0.3 kg

Accessories

External Power Supply (12V/1.5A)

CUSTOMER CARE

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656