MODEL

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.

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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 0º to +40ºC
Storage Temperature -40º to +60ºC
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)

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www.amt.com

Advanced Media Technologies, Inc. · 3150 SW 15th Street Deerfield Beach, FL 33442
(888) 293-5856 · (954) 427-5711 · Fax (954) 427-9688