

VAP340n Wi-Fi to Wi-Fi / Ethernet Extender for IPTV

4x4 802.11ac Wi-Fi

FEATURES

- Equipped with next-generation wireless video chipset
- True beamforming 4x4 MIMO solution with whole-house range and reach coverage
- Effortless support for multiple HD and SD streaming in the home at high data rate and larger house coverage
- IEEE 802.11ac standard compliant
- Advanced carrier class home networking features for video distribution
- Full remote management with self-install capabilities
- No subscriber home wiring required
- Secure, reliable, and easy to install

PRODUCT OVERVIEW

The ARRIS VAP340n will strengthen your set-top portfolio by providing a wireless access bridge solution that delivers whole-home reach and coverage. Our next generation technology allows subscribers easy access to their video content regardless of walls, doors, or other physical structures that may exist. The VAP340n enables service providers to change the way IPTV is deployed, with a cost-effective solution that delivers significant savings on installation costs and provides a significant differentiator against your competition.

The VAP340n has been built with key carrier-grade features in mind that enable operators to have a robust alternative to power line, coax, and other wired solutions enabling simultaneous HD and SD streams in the home. It is the ideal complementary home networking option, providing a secure, robust, and simple-to-use solution that does not exist in the market today. Each VAP adapter can behave as the Access Point or the Client, and provide either a single or dual Ethernet interface to handle the need for extra connectivity ports.

The VAP340n is an open platform, designed to support multiple set-tops as well as Over-the-Top (OTT) services and other network-enabled devices (game console, Internet radio, video cameras, OTT video appliances, etc.) commonly found today in subscriber homes. In an IPTV environment, a wireless video access point enables devices to connect to a wireless network using a fully compliant 802.11ac Wi-Fi device to stream high-quality video. The VAP340n can be directly connected to a wired network, usually to a CPE gateway and then to a set-top box client that will receive the IPTV stream over the air, or, it can relay data between two set-top boxes with multi-room DVR capabilities to share video content in multiple rooms of the home. The ARRIS VAP340n wireless access point can provide consumers with greater flexibility to meet their home entertainment needs with no wires to connect, no cables to run throughout their home, and no holes to drill.



GENERAL SPECIFICATIONS

Network Interfaces

1 or 2 RJ45 10/100/1000 Ethernet LAN ports

Wireless Characteristics

4x4 MIMO X-Y-Z polarization diversity

IEEE 802.11ac radio

Wi-Fi Protected Setup (WPS)

802.11e power saving mode

Automatic Power Control

Dynamic TX power saving mode

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 80MHz channels supported

Quality of Service & Traffic Management

IGMPv3 Snooping

Wi-Fi Multimedia (WMM)

IEEE 802.1p (Diff-Serv)

IEEE 802.1q VLANs

Wireless Security

WPA Encryption

TKIP/WPA2 Encryption 802.11i

Device Management

Password-protected access

Statistics logging and reporting

GENERAL SPECIFICATIONS - CONTINUED

Remote Management

TR-069 with Annex F and TR-181 and UPnP for RG port forwarding

Local Management

WebUI, CLI (Telnet)

LEDs

Power (Front)

Wireless Signal Quality (Front)

WPS (AP/STA) (Front)

Ethernet Link (rear panel)

Regulatory Certification

Wi-Fi Alliance certified

CE mark

RoHS-compliant

Code of Conduct compliant (CoC)

Operating Environment

Operating Temperature 0° to +40°C

Storage Temperature -40° to +60°C

Relative Humidity 8% to 95%; Non-Condensing

FCC Section 255 compliant

Physical Specifications

145mm x 119.4mm x 67.4mm (5.7" x 4.7" x 2.7")

CUSTOMER CARE

Contact Customer Care for product information and sales:

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