VAP3400

ARRIS Wireless Video Access Point

BENEFITS:

- Equipped with next-generation wireless video chipset for better performance and coverage
- True beamforming 4x4 MIMO solution with whole-house rate 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 within the home
- Full remote management with self-install capabilities
- No subscriber home wiring required
- Secure, reliable, and easy to install

PRODUCT OVERVIEW:

The ARRIS VAP3400 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 VAP3400 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 VAP3400 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.

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The VAP3400 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 VAP3400 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 VAP3400 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.

FEATURES

- Wi-Fi Video Bridge
- Wirelessly connects set-tops throughout the home
- Easy to use, easy to install
- Reliable and secure
- Whole-home rate and reach coverage
- Effortless support for multiple HD and SD streaming in the home
- 802.11ac Standard base compliant
- True beamforming 4x4 solution
- Four antennas enable X-Y-Z polarization diversity
- Support multiple configuration density - 1 or 2 RJ45 Ethernet ports
- Supports “Gigabit” Ethernet
- Supports TR-069 with remote firmware upgrade and diagnostics capabilities
- WPA2 and WPA security encryption methods are supported
- Auto Detection capabilities of Device Mode (AP/ STA)
- Multiple concurrent HD and SD streaming support
- Full HD 4k resolution support on any/all screens in the home
- High performance solution designed for in-home convergence
- First 4x4 MIMO 802.11ac solution with explicit dynamic digital beamforming
- Operates in the 5GHz frequency band to separate Data and Video applications
- Supports Internet Group Management Protocol (IGMP) snooping
- Supports for 802.11e WMM QoS and 802.1p and 802.1q
- Security: WPA2/WPA/AES
- Wi-Fi Protected Setup (WPS)

GENERAL SPECIFICATIONS

Network Interfaces	1 or 2 RJ45 10/100/1000 Ethernet LAN port
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) 20MHZ, 40MHz, 80MHz supported
Quality of Service and Traffic Management	Support for IGMPv3 snooping Supports IEEE 802.1p (Diff-Serv) Supports IEEE 802.1q VLANs Wi-Fi Multimedia (WMM)
Security	WPA Encryption TKIPWPA2 Encryption 802.11i
Device Management	Password-protected access Statistics logging and reporting
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)
Rear Panel Interfaces	Ethernet Ports – One RJ45 (two-port option available) Reset button Power Supply – (wall wart) Power switch
Regulatory Certification	Wi-Fi Alliance certified CE mark RoHS-complaint Code of Conduct compliant (CoC)
Environmental	
Operating Temperature	0º to +40ºC
Storage Temperature	–40º to +60ºC
Relative Humidity	8% to 95%, non-condensing
Dimensions	145 mm (H) x 119.4 mm (D) x 67.4 mm (W)

FCC Section 255 compliant.
Specifications are subject to change without notice.

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