



AI-based Cloud Management



AirSonic Selfi App



AnyAccess Wi-Fi 6 Mesh



MagnaFi™ 4960R

Complete Wi-Fi 6 Offering for Compelling New Managed Services

Cost-effective, AnyAccess Wi-Fi 6 Mesh Router

Enhanced Service Delivery Engine for Residential Revenue Generation

Proactive Management via Optimized Cloud and Local Intelligence

Just as the latest Wi-Fi standard appears to catch up with consumer demands, the next wave of device and applications push it past its pay grade. A device explosion fueled by the Internet of Things (IoT), Broadband TV, surging online gaming, and insatiable 4K streaming are all pushing 802.11ac (Wi-Fi 5) past its limits.

Fortunately, Wi-Fi 6 is here with substantially bolstered efficiency, ability to concurrently connect with multiple devices, and 40% higher throughput thanks to OFDMA and MU-MIMO improvements. But world-class Wi-Fi 6 is just one component of the offering – AI-based cloud service delivery and management and an exceptional customer experience are also integral in the race to own the home. Just in time for BSPs to seize the emerging Managed Services opportunity, AirSonic and AirTies unveil the MagnaFi™ 4960R service suite.

FEATURES

- BSP preferred AnyAccess (fiber, coax, DSL) Wi-Fi 6 Mesh Router
- True Mesh wall-to-wall architecture with Client-Steering
- Ideal blend of Cloud and local AP intelligence
- Intuitive, aesthetic Cloud-based consumer app
- AI-based Cloud management with Enhanced Service Delivery Engine
- Best Managed Services offering at the lowest cost
- Hybrid Ethernet and/or wireless backhaul

BENEFITS

- Decouples physical access network from WiFi and service element
- Outperforms star schemes ensuring maximal performance throughout the home
- Optimal performance + Wi-Fi network survivability
- Empowers users to manage their Wi-Fi network anywhere
- Proactively reduces truck rolls while positioning BSP Managed Services
- End-to-end design elevates BSP take rates and margins
- Deployment flexibility + higher device throughput

COST-EFFECTIVE, ANYACCESS WI-FI 6 MESH ROUTER

Recognizing Wi-Fi's elevated role in broadband and its frequent hardware changes, CPE focus has shifted to a flexible world-class Wi-Fi router. BSPs drove this de facto CPE standard to offer the same unsurpassed performance for their subscribers over fiber, coax, DSL, or wireless. The epic challenge was to get this Wi-Fi 6 based AnyAccess device at a price point to delight customers without breaking the Managed Services business case. First to market with an enterprise level product at a residential price, AirTies and AirSonics unveil the MagnaFi™ 4960R – the most cost-effective and complete end-to-end Managed Services solution available to BSPs.

MANAGED WI-FI EVOLVES TO MANAGED SERVICES

While BSPs experienced success in residential broadband services with Managed Wi-Fi, the evolution to Managed Services is even more promising. Driven by a meteoric rise of consumer devices fueled by the IoT, complexity of subscriber device management and growing cyber security threats set the stage for a new opportunity. Who better to secure and manage the connected home than the BSP offering the service! Recognizing the emerging trend years ago and the need to manage the connected home, AirTies acquired and partnered with industry AI leaders to empower BSPs the ability to offer Limitless Wi-Fi Services.

AIRSONICS SELF I APP | EMPOWERING SUBSCRIBER WI-FI NETWORK MANAGEMENT

With the escalating complexities of today's connected home, is managing the Wi-Fi network beyond your subscriber's pay grade and overwhelming your Customer Service reps? The visually-driven and intuitive AirSonics Selfi™ app tackles this challenge and offloads BSP Help Desk agents by transferring control to subscribers empowering them to install, customize, and manage the Wi-Fi network. Whether setting parental controls for those that need them, testing the Wi-Fi speed on any connected device, or ensuring the millennial's Xbox doesn't cannibalize all the bandwidth, the user-friendly AirSonics Selfi™ app allows anyone to finally tame the home network.



WHY AIRSONICS?

Deployed in 30 million homes globally, AirSonics and partner AirTies bring world-class Wi-Fi solutions to Broadband Service Providers serving North America's heartland. Leveraging extensive knowledge gained in 20+ years Wi-Fi experience, we provide compelling, targeted, and cost-effective end-to-end solutions with personal technical support. Privately held with unwavering focus, AirSonics' customers are our Board of Directors.



AirTies Infused!

PHYSICAL CHARACTERISTICS

5.4 Gbps dual band concurrent mesh router

CPU: Triple Core ARM A7, 8.5 DMIPS

Ports: 2 Gigabit Ethernet, 1 WAN, 1 LAN

LEDs: Single multi-color for power, wireless, and WPS

WPS Button: Simple secure setup with WPS-supported devices

Reset Button: Return to factory standards

Dimensions: 115mm(H), 103mm(D), 42mm(W)

Power: 12V DC, 1A

Adapter Operating Voltage: 100V – 240V AC

Operating Temperature: 0°C ~ 40°C

Storage Temperature: -20°C ~ 70°C

WI-FI SPECIFICATIONS

Standards: Wi-Fi 6 11ax, 11ac, 11n, 11g, 11b, 11a; 11v, 11r, 11k, 11e, 11d

Antennas: 5GHz (4x4), 2.4GHz (2x2)

Security: WPA3, WPA2-PSK, WPA2-802.1x, WPA-PSK, WPA-802.1x IPV4 and IPV6 WAN, VLAN, UPnP, NAT/Firewall, Port Forwarding, DNS Proxy, QoS, IP Tunnel, IPSec, Multicast (IGMP, MLD)

OTHER PROPERTIES

Cloud Management: AI-based RemoteManager for proactive management and TR-069 and TR-0181

Consumer App: AirSonics Selfi app for Wi-Fi network management

DFS (Dynamic Frequency Selection): Certified for use

Certificates & Standards: CE, FCC, IDA, IC, NTC, Wi-Fi alliance



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