Tri-band
Mesh Wi-Fi 6E
Extender/Router

ARIA3411

The ARIA3411 is packed with features that make it the ultimate home networking solution. With its multi-gigabit wired backhaul, you can enjoy maximum speeds and a rock-solid connection for all your connected devices. The Extender/Router boasts three Ethernet ports - two 1-Gigabit WAN LAN ports and one 2.5 Gigabit WAN port - providing Gigabit speeds to all your devices.

Moreover, setting up the ARIA3411 is a breeze thanks to the MyHitron+ app. The app guides you step-by-step in just minutes, making it easy to manage your network and all your connected devices from your smartphone, no matter where you are. The app also includes parental controls, allowing you to pause devices, manage your guest network, and block websites from anywhere.

New 6Ghz Band Eliminates Congestion

The ARIA3411's 7 powerful 160MHz data channels provide dedicated backhaul to connect 6GHz devices such as your tablets and smartphones. With this new 6GHz band, you can say goodbye to network congestion and enjoy lightning-fast speeds for all your online activities.

Multi-Location Management

The ARIA3411 comes with an exclusive Hitron feature that allows you to remotely manage multiple Hitron-equipped networks, such as a secondary residence or office, without having to be onsite. This multi-location management feature is perfect for busy individuals who need to stay connected, no matter where they are.

Key Features

· Simultaneous Tri-band Wi-Fi 6E
  - 4x4 6GHz 802.11ax
  - 2x2 5GHz 802.11ax
  - 2x2 2.4GHz 802.11ax

· MU-MIMO capable for simultaneous data streaming

· Implicit & Explicit Beamforming for 2.4GHz, 5GHz, and 6GHz

· Seven (7) High Performance, Internal Antennas with High-Power Amplifiers

· One 2.5 GigE and two 1 GigE Ports

· Supports MyHitron+ and HitronCloud

· Bluetooth Onboarding

Interfaces
- 2x RJ-45 10/100/1000BASE-T Ethernet Ports
- 1x RJ-45 1/2.5GBASE-T Ethernet Port

Wi-Fi
Wi-Fi Characteristics
- 802.11a/b/g/n/ac/ax
- 4T4R 6GHz 11ax + 2T2R 5GHz 11ax + 2T2R 2.4GHz 11ax Concurrent MU-MIMO with 4.8Gbps + 1.2Gbps PHY Rate + 574Mbps PHY Rate
- 20/40/80/160MHz Channel Bandwidth (160Mhz only supported in 6GHz)
- High Power Design for Multi-radio Co-location
- Supports Standard 5GHz and 6GHz UNII Bands
- Bluetooth v4.2

Wi-Fi Features
- Up to 4 SSIDs per Radio
- Prioritized QoS: WMM/WMM-PS
- Transmit Power Control by Service Provider
- WPS (Wi-Fi Protected Setup) PBC, PIN
- Airtime Fairness (ATF)
- Band Steering (BS)
- Dynamic Frequency Selection (DFS)
- Wi-Fi Output Power Range: Max permitted by FCC/IC
- Roaming: 802.11r/k/v

Wi-Fi Security
- WPA-PSK
- WPA2-PSK (TKIP/AES)
- WPA3-SAE

Routing Support
- Protocol Support: IGMP v3 for IPTV service capability
- Device Filtering
- DMZ Hosting
- UPnP
- IP Source/Destination Address Filtering (IPv4/IPv6)
- DHCP, TFTP and ToD clients (IPv4/IPv6)
- DHCP Server supports RFC 1541 (IPv4)
- DHCPv6 obtains Prefix from DHCPv6 Server through Prefix Delegation
- Firewall with Stateful Inspection (IPv4/IPv6)
- Complete NAT Software Implemented as per RFC 1631 with Port and Address Mapping (IPv4)
- DSLite Support for IPv4 In-home Support with IPv6 MSO Backbone
- 6RD Support for Quick IPv6 Deployment over IPv4 Backbone

Management
- Onboarding via Bluetooth and MyHitron+ app
- MyHitron+ App Configuration, Control and Management
- HitronCloud Backend Support

Mechanical
- LEDs: One Multi-colored LED
- Factory Default Reset Button
- Dimensions: 195mm (H) x 70mm (W) x 157.5mm (D)
- Net Weight: 500g

Electrical
- Input Power: 12VDC, 2.5A
- Power Adaptor: 110-220VAC, 50/60Hz
- Power Consumption: 25W (Max)
- Surge Protection
  - Ethernet RJ-45 sustains at least 4KV

Environmental
- Operating Temperature: 0°C (32°F) ~ 40°C (104°F)
- Operating Humidity: 10% ~ 90% (Non-condensing)
- Storage Temperature: -30°C (-22°F) ~ 70°C (158°F)

Regulatory Compliance
- RoHS
- FCC Part 15:2019, Subpart B, Class B
- FCC Part 15, Subpart C (Section 15.247)
- FCC Part 15, Subpart E (Section 15.407)
- FCC Part 2 (Section 2.1091) IEEE C95.3 -2002
- ANSI C63.4:2014
- ANSI C63.10:2013
- UL 62368-1, 2nd Ed, 2014-12-01
- CAN/CSA C22.2 No. 62368-1-14, 2nd Ed, Issued: 2014-12-01