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Wi-Fi 6 Extender
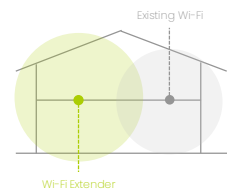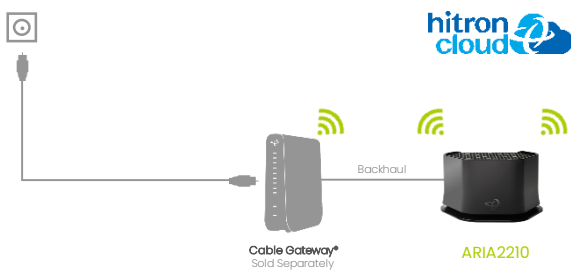## with Dual-band Mesh

ARIA2210

Supercharge your subscriber's Wi-Fi, eliminate dead zones and Wi-Fi-related support calls with the ARIA2210 Mesh Wi-Fi 6 Extender. This future-ready device delivers the Wi-Fi coverage, capacity, and speed that your customers crave. With the power of Wi-Fi 6 and Gigabit Ethernet ports, you can be confident that users will enjoy whole-home Wi-Fi for brilliant video streaming, fast online gaming, and trouble-free video conferencing anywhere in the house.

Powered up with Wi-Fi 6 speeds up to 9.6Gbps

Mesh Wi-Fi for Uninterrupted Coverage

1GigE
Two Gigabit Ethernet Ports

Enhanced smart home experience with HitronCloud support

Advanced feature

Key Features

- Simultaneous Dual-band Wi-Fi 6: 2x2 5GHz 802.11az – 2x2 2.4GHz 802.11ax
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz
- Two 1 GigE Ports
- Optional HitronCloud home network management support

Application

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Backhaul

Cable Gateway®
Sold Separately

ARIA2210

Support all Wi-Fi devices

Gaming Console

Streamer TV

PC

Mobile Devices

NAS

IoT

Existing Wi-Fi

Wi-Fi Extender

Specifications

Wi-Fi

Wi-Fi Characteristics
- 802.11a/b/g/n/ac/ax
- 2T2R 5GHz 11ax and 2T2R 2.4GHz 11ax Concurrent MU-MIMO with 1.2Gbps PHY Rate + 574Mbps PHY Rate
- 20/40/80MHz Channel Bandwidth
- High Power Design for Multi-radio Co-location
- Supports Standard 5GHz UNII Bands

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

Management
- Onboarding via Bluetooth
- HitronCloud cloud-based home network management support
- OpenSync 2.0

Interfaces
- 2x RJ-45 10/100/1000BASE-T Ethernet Ports

Mechanical
- LEDs: One Multi-colored Status LED
- Factory Default Reset Button
- WPS Button
- Dimensions: 80mm (H) x 140mm (W) x 128mm (D)
- Net Weight: 370g +/- 10g

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

Electrical
- Input Power: 12VDC, 1.5A
- Power Adaptor: 110-220VAC, 50/60Hz
- Power Consumption: 6.4W (power saving),
- 7.46W (typ.), 14.57W (Max)
- Surge Protection-Ethernet RJ-45 sustains at least 4KV

Regulatory Compliance
- RoHS
- FCC Part 15 Class B Subpart B, Part 15.247, Part 15.407, Part 2.1091
- ICES-003 Issue 6, Class B
- RSS-102 Issue 5
- IC RSS-247 Issue 2, 2017-02 and RSS-Gen Issue 5, 2018-4
- Canada RSS-Gen Issue 5, Amendment 1, Mar 2019
- UL 62368-1
- cUL 62368-1-14
- Wi-Fi Alliance WiFi6
- CE
- NCC
- BSMI

140mm

80mm

128mm

RESET   LAN   POWER

Sep.-2021

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