ARRIS X5042

WI-FI TO WI-FI / ETHERNET EXTENDER
4X4 802.11AX DUAL-BAND CONCURRENT

Engineered for performance and usability, X5 wireless extenders are built around Wi-Fi 6 to provide the capacity, efficiency, coverage, and performance required by today's most demanding consumers.
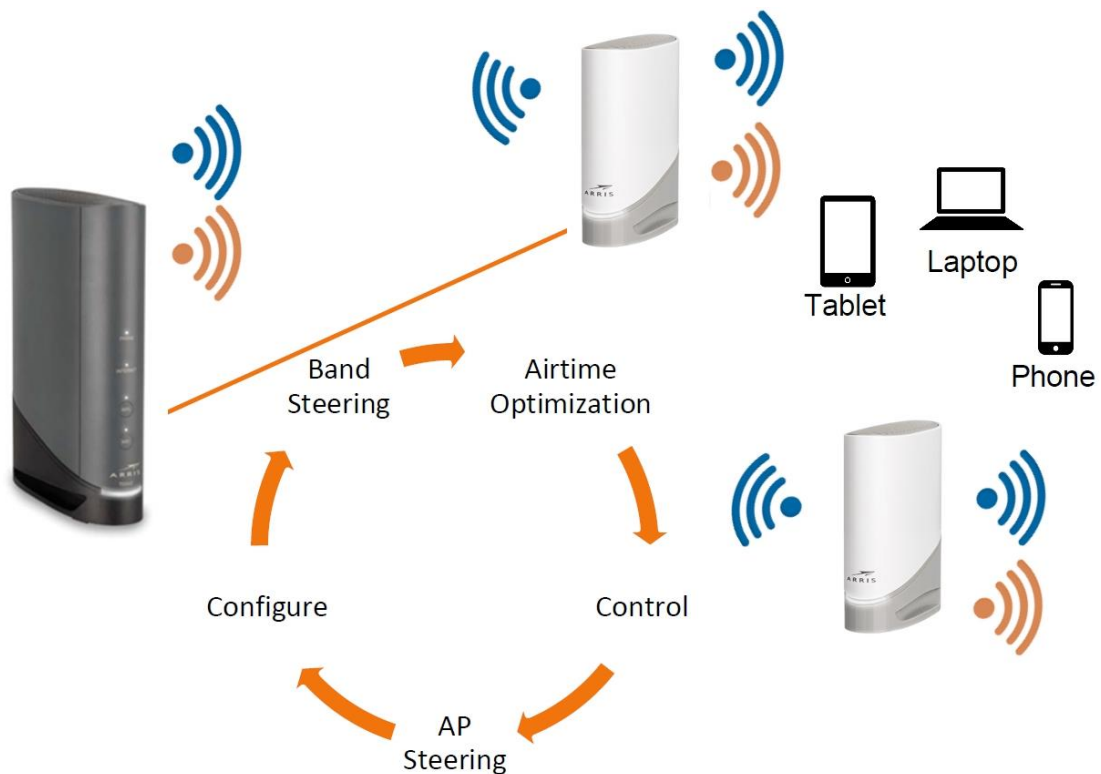
One or more X5 Extenders may be used with compatible home gateways to form a mesh Wi-Fi network, enabling service providers to improve customer satisfaction by reliably and securely delivering high-quality, high-performance Wi-Fi to any location in a subscriber's home.

Multiple X5s may also be used as a stand-alone mesh Wi-Fi network for use with any home gateway or router.

Furthermore, the product comes with an integrated ARRIS ECO Agent TR-069 client. A future software option will be support for the next generation of CPE management standards with the integration of the ARRIS Envoy USP (User Service Platform) client.

- Wireless Repeater / Wireless Access Point
- 4x4 5 GHz Wi-Fi 6 wireless access point
- 2x2 2.4 GHz Wi-Fi 6 wireless access point
- 2 x RJ45 Gigabit Ethernet (10/100/1000) LAN ports
- ARRIS ECO Agent™ TR-069 management client integrated

SPECIFICATIONS

WIRELESS CHARACTERISTICS
4x4 5GHz Wi-Fi 6 (802.11ax)
2x2 2.4GHz Wi-Fi 6 (802.11ax)
4 Spatial Streams
MU-MIMO
Implicit/Explicit Dynamic Digital Beamforming
High-Power Transmit For Maximum Coverage
802.11e, 802.11k, 802.11v, 802.11r

5 GHZ 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, 80 and 160 MHz bandwidths supported

ARRIS WI-FI HOME FEATURES
Automatic discovery and setup
Continuous pushing of Wi-Fi configuration to additional units
Band steering for link improvement and load balancing
ARRIS Wi-Fi Home Mobile App support
Wi-Fi EasyMesh compatible network controller

WIRELESS SECURITY
WPA3/WPA2/WPA/AES/WEP-128/WEP-64
Push-Button Wireless Setup (WPS)

WIRED NETWORK INTERFACES
2 x RJ45 Gigabit Ethernet (10/100/1000) LAN port

MANAGEMENT
ARRIS ECO Agent TR-069 compliant management client
Password-Protected, Local Web Access
ARRIS Wi-Fi Home Mobile App support
ARRIS Envoy USP (User Service Platform) client (future option)

LEDS
Power/WPS status/Backhaul status
RJ45/LAN status LEDs

REGULATORY & CERTIFICATIONS (PENDING)
CE Mark
FCC
UL
RoHS compliant

OPERATING ENVIRONMENT
Operating Temperature 0º to +40ºC
Storage Temperature -40º to +60ºC
Relative Humidity 8% to 95%; Non-Condensing

PHYSICAL SPECIFICATIONS
130mm x 120mm x 45mm (5.1in. x 4.7in. x 1.8in.)

ACCESSORIES
AC power cable