

X5 Wi-Fi® 6 Extender

Wi-Fi to Wi-Fi / Ethernet,
4x4 Wi-Fi 6 dual-band concurrent

FEATURES

- 4x4 5 GHz Wi-Fi 6 (802.11ax) wireless access point
- 2x2 2.4 GHz Wi-Fi 6 (802.11ax) wireless access point
- ARRIS ECO Agent™ TR-181 management client integrated
- Wi-Fi EasyMesh™ capable



PRODUCT OVERVIEW

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. even in the most demanding Wi-Fi environments allow service providers to reliably and securely deliver high-quality Wi-Fi to any location in a subscriber's home.

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. Reliable Wi-Fi that supports a host of current and emerging use cases; from streaming ultra high-definition movies, online gaming, to business applications, allowing customers to stay connected and productive.

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

The X5 includes a full suite of remote management features to ensure an optimal customer experience and to reduce operator operational expense. The extender may be part of an ARRIS Wi-Fi Home system to deliver high-performance Wi-Fi throughout the home as part of an auto-configuring, auto-optimizing Wi-Fi EasyMesh™ network.

Furthermore, the product comes with the 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.

GENERAL 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

GENERAL SPECIFICATIONS - CONTINUED

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 0° to +40°C

Storage Temperature -40° to +60°C

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

CUSTOMER CARE

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656