

Home Mesh Router

ion4xi_HMR



Create your EasyMesh

- Scalable & flexible network that matches your needs
- Mix & match any EasyMesh certified Access Point / Router to create your own home network



Automatic roaming for seamless connectivity

Freedom from Dead Zones

No Dead Zones

- Blanket coverage across entire house
- Seamless roaming across floors and rooms without any coverage breaks

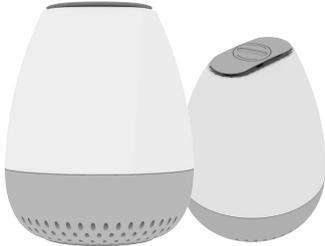


Secure Home

- Create a separate network for your guests
- Choose what, when and how you want your children to consume content via parental control
- Stay protected with the latest WPA3 security
- Control which devices has access to the internet
- Monitor your network remotely

Network Management

- Plug and play with ease
- Manage your network with our mobile APP
- Central control with our cloud management solution, an ideal solution for ISPs and TSPs offering managed home Wi-Fi services



WIRELESS

Wi-Fi Standards	802.11a/b/g/n/ac/ac Wave 2/ax
Radio Mode	2x2 MU-MIMO with 2 spatial streams
Radio Frequency Band	Supports full 2.4 GHz & 5 GHz ISM frequency bands
Peak Throughput	Upto 3 Gbps (2402 Mbps for 5 GHz and 574 Mbps for 2.4 GHz)
Max Transmit Power	23 dBm for 2.4 GHz , 23 dBm for 5 GHz (will depend on country-specific guidelines)
Channel Size	20/40/80/160 MHz
Modulation Schemes	Supports upto 1024 QAM
User Support	256 clients per router
Power	+12V DC Power Adaptor
Max Power Consumption	17 W (approx..)
Interface	1x10/100/1000/2500BASE-T Ethernet (WAN) 1x10/100/1000BASE-T Ethernet (LAN) DC Power jack
Antenna	Integrated Omni-directional Patch Antennas
Antenna gain	5 dBi for both 5 GHz and 2.4 GHz

PHYSICAL & ENVIRONMENTAL

Dimension	158 x 158 x 126 mm
Weight	0.7 kg
Visual Indicators	Multicolor status LED
Operating Temperature	0° C to 40° C
Storage Temperature	-40° C to +70° C

SECURITY

- 802.1x / EAP, WPA2 (Personal, Enterprise), WPA3 (Personal, SAE, OWE, Enterprise, SuiteB), WPS, MAC, Radius based, EAP Type (EAP-TLS, EAP-TTLS, EAP-SIM, EAP-AKA)
- Protected Management Frames
- Flexible guest access with device isolation
- Rogue access point detection and prevention (WIDS & WIPS)
- Hidden SSID in beacons
- VPN pass-through
- MAC address authentication

HIGH LEVEL FEATURES

- WAN Protocols: Static IPv4/v6, DHCP client v4/v6, NAT, PPPoE
- Band Steering, Load Balancing, Auto Channel Selection, DL/UL MU-MIMO
- Management: Standalone (via GUI / Mobile App) or through on-premise based solution or cloud-based
- QOS 802.11e WMM
- Automatic 802.11k/v client roaming
- Support for auto-sensing or bridge mode
- Port forwarding and client IP reservation
- 802.11w- Protected Management Frames (PMF) support
- Support for ATPC and coverage hole detection and correction
- Auto firmware upgrade
- OFDMA technology
- Supports features like Target wake time and BSS coloring

* Disclaimer: The specifications are subject to change

CERTIFICATIONS

- Wi-Fi Certified Passpoint 3.0
- Wi-Fi Certified EasyMesh
- Wi-Fi Certified WPA3
- Wi-Fi Certified 6
- Agile Multiband
- FCC Class B
- CE
- RoHS 3.0