

# 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

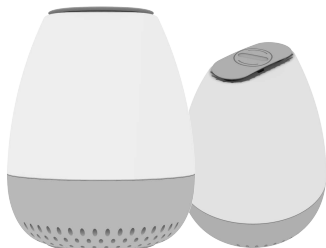


## Secure Home

- 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
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## 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)<br>1x10/100/1000BASE-T Ethernet (LAN)<br>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          |