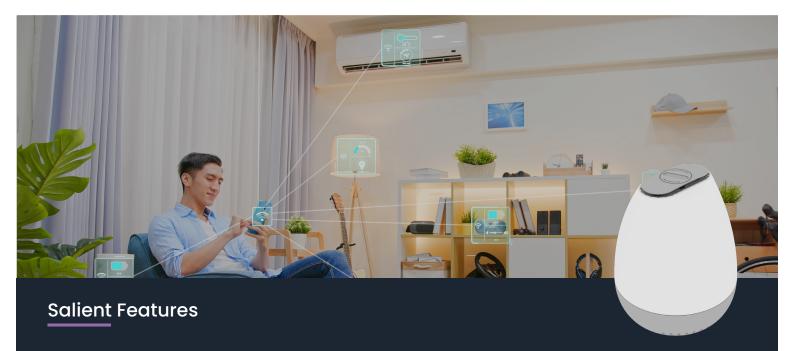# IO Weave

ion4xi_HMR

Connected Home Experience

Experience unstoppable best-in-class connectivity in every corner of your home with IO Weave powered by Wi-Fi 6.

Eliminating Wi-Fi dead zones, dropouts, and buffering issues, this solution builds stronger connections with uninterrupted connectivity.

Use Cases

- Homes
- Multi-dwelling units
- Shared living & workspaces

Salient Features

- Concurrent data rate up to 3 Gbps
- 5 dBi integrated omni directional antenna optimized for maximum coverage and range
- Supports 256 concurrent users per router
- End-to-end network management via IO Weave mobile app
- Parental control & flexible guest access control with device isolation
- Plug & play functionality
- Auto firmware upgrade
- Advanced security with WPA3
- Support for 160 MHz Channels in the 5GHz band
- Wi-Fi Alliance certified for Wi-Fi 6, EasyMesh, and Passpoint 3.0

Key Specifications

Variant	ion4xi_HMR
Frequency Bands	2.4 GHz and 5 GHz
Peak data rate	3 Gbps
MIMO	2X2:2
Transmit power	Up to 23 dBm
Antenna	Integrated
Type of Antenna	Omni directional
Antenna Gain	2 X 5 dBi
Management	Mobile app for end-users, cNMS for Service Providers
Security	WPA3, WPA2 & Enhanced open support

Variant

- **ion4xi_HMR:** IO Wi-Fi 6 Dual Band 2x2:2 Home Mesh Router with Integrated Antenna (5 dBi)