



ion12xi_h/ ion12xi_h2

Wi-Fi 6 Dual-Band Indoor Access Point

Delivering superfast speed

Experience Unprecedented Efficiency

Our Wi-Fi 6 powered 8X8 Indoor Access Point series is connecting, powering, and securing the wireless edge by delivering an exceptional user experience.

Supporting technology transition for every kind of bandwidth-hungry application, this solution is designed to address today's ultra high-density data demands.

Use Cases

- Low latency extended reality (XR)
- Cloud-based gaming
- 4K/8K video streaming
- Video conferencing
- VR/AR
- Webcasting



Salient Features

- TIP OpenWiFi compliant Access Points
- Concurrent data rate up to 5.95 Gbps
- 6 dBi integrated omni directional antenna optimized for maximum coverage and range
- Supports 1024 concurrent users
- Access to 160 MHz channel in the 5GHz Band
- Advanced feature compatibility with non Wi-Fi interference detection and avoidance, ATPC, coverage hole detection, and correction
- Wi-Fi Alliance certified for Wi-Fi 6, EasyMesh, and Passpoint 3.0
- FCC Class B, CE, RoHS 3.0, UL2043 Plenum certified

Key Specifications

Variant	ion12xi_h/ ion12xi_h2
Frequency Bands	2.4 GHz and 5 GHz
Peak data rate	5.95 Gbps
MIMO	8X8:8 – 80 MHz 4X4:4 – 160 MHz
Transmit power	Up to 28 dBm for 5 GHz Up to 25 dBm for 2.4 GHz
Antenna	Integrated
Type of Antenna	Omni directional
Antenna Gain	12 X 6 dBi
Management	Standalone (via GUI) or cloud based
Security	WPA3, WPA2 & Enhanced Open Support

Variants

- **ion12xi_h**: IO Wi-Fi 6 Dual Band 8X8:8 Indoor Access Point with Integrated Antenna (6 dBi)[DC powering]
- **ion12xi_h2**: IO Wi-Fi 6 Dual Band 8X8:8 Indoor Access Point with Integrated Antenna (6 dBi)[DC & PoE powering]