



ion4x_w

Wi-Fi 6 Dual-Band Outdoor Access Point

Expand coverage with integrated high-performance directional antenna

Redefining Wi-Fi Experience

Our Wi-Fi 6 powered 2X2 dual-band Outdoor Access Point series is setting a benchmark by delivering speed, low-latency, and coverage required for an immersive user experience.

Built with world-class engineering capabilities, this solution is unleashing a new era of connectivity for high-density outdoor environments.

Use Cases

- Outdoor public networks
- High-density environments
- Public transport
- Stadiums
- Amusement parks



Salient Features

- TIP OpenWiFi compliant Access Points
- Concurrent Dual-Band Offering Data Rate up to 3 Gbps
- 9 dBi Integrated directional antenna optimized for maximum coverage and range
- Supports 256 concurrent users
- Two variants: with or without LTE Band reject filter
- Security features: WPA3 (Personal and Enterprise) & WPA2 (Personal and Enterprise)
- Advanced feature compatibility with non Wi-Fi interference detection and avoidance, ATPC, coverage hole detection, and correction
- IP67 rated
- Wi-Fi Alliance certified for Wi-Fi 6, EasyMesh, and Passpoint 3.0

Key Specifications

Variant	ion4x_w
Frequency Bands	2.4 GHz and 5 GHz
Peak data rate	3 Gbps
MIMO	2X2:2
Transmit power	Up to 25 dBm
Antenna	Integrated
Type of Antenna	Directional Sector Antenna
Antenna Gain	2 X 9 dBi
Management	Standalone (via GUI) or cloud based
Security	WPA3, WPA2 support & enhanced open support

Variants

- **ion4x_w**: IO Wi-Fi 6 Dual Band 2X2:2 Outdoor Access Point with Integrated Antenna (9 dBi) with non-LTE band reject filter
- **ion4x_w2**: IO Wi-Fi 6 Dual Band 2X2:2 Outdoor Access Point with Integrated Antenna (9 dBi) with LTE band reject filter