ExtremeWireless™ AP410i/e

Highlights

Advanced Radio Technology
Tri-Radio Design
- 5GHz 4x4:4
- 2.4GHz 2x2:2
- 2.4GHz/5 GHz/Sensor

RadioModes - SSR
- 2.4 GHz/5 GHz/Sensor (2.4 GHz/5GHz)
- 5GHz/5 GHz - Dual 5 GHz

Universal Hardware Platform
- On-Premise: WiNG OS -Centralized andDistributed
- Cloud:IQ Engine

HighDensity Environments
- Delivers exceptional end-user experience even in the densest user environments

WPA3 Support
- Includes the latest WPA3 Wi-Fi security standard delivering robust protections for users and IoT devices

Cellular Coexistence Filter (CCF)
- Minimizes the impact of interference from cellular networks

Fully Functional over 802.3at
Smart Management Choices
- ExtremeCloud™ IQ delivers powerful, simple and secure public or private cloud management capabilities
- ExtremeCloud Appliance or VX or NX controller is ideal for on-premises requirements

Wi-Fi 6 (802.11ax) Tri-Radio Access Point With Integrated or External Antenna Options

The AP410i/e provides high-efficiency, high-performance 802.11ax aggregate data rates up to 4.8 Gbps in the 5 GHz band and concurrent 2.4 Gbps in the 2.4 GHz band. Designed for high density environments, AP410 is powerful enough and smart enough to provide the highest level of client services without compromising security monitoring. Unlike other access points that scan only part time, the dedicated, dual-band sensor scans for rogue devices full time, eliminating the risk of vulnerability or attacks.

With more users, more devices, more things, more applications and more threats straining the infrastructure, the AP410 was engineered to meet those challenges. The AP410 combines powerful 802.11ax Wi-Fi 6 technology, advanced security and ML/AI management capabilities together into an enterprise class solution that allows you to deploy high speed, highly secure Wi-Fi into the toughest environments.

Security

The AP 410i/e delivers the highest level of security services, beginning with support for the latest Wi-Fi Alliance WPA3 security certifications. Additionally, supporting a stateful L2-L7 DPI firewall for context- based access security.

Wi-Fi 6 (802.11ax) Technology

Prior generations of 802.11n, 802.11ac wave 1 and 2, can be considered generational improvements with an emphasis on faster speed. 802.11ax technology instead enhances Wi-Fi efficiency as well as speed, taking Wi-Fi networks to an entirely new level. To learn more about 802.11ax, go to https://www.extremenetworks.com/are-you-ready-for-802-11ax/.

Smart Sensor

Industry's first Dual-radio 802.11ax access point with Smart Sensor capability to optimally manage radios to provide the highest level of client performance while simultaneously providing continuous RF monitoring for security threats.

The AP 410i/e patent pending Smart-Sensor feature automates the provisioning of ADSP Sensors in customer setup without compromising their security performance. This feature intelligently selects and configures the radio on APs that must act as sensors to cover entire site from wireless security perspective reducing the burden of network engineers.

Management Analytics

In conjunction with management system, cloud or on-premises, the AP 410i/e provides a very rich set of data displayed via context driven widgets, representing historical data or a combination of historical and current data. This provides context-specific granularity with perspective views for locations, network, APs, individual client devices, and policy roles. In each context, administrators can adjust dashboards from widget library.

RF Monitoring

Network managers will appreciate a powerful choice of RF management for their Wi-Fi networks, with SmartRF, a robust RF management system with AI/ML like functionality. Built on 10 years of experience across thousands of large scale networks and millions of access points, SmartRF algorithms manage channels, radios, load balancing, band steering, and many other attributes of the RF.

Integrated BLE

To support both IoT and Guest Engagement services, the AP 410i/e integrates Bluetooth to connect with IoT devices with Thread wireless or engage loyalty customers with Apple iBeacon. Enterprises can use Google Eddystone to send advertisements directly to shoppers, guests, and conference attendees. This makes it ideal for businesses to advertise their app-download pages, captive portals, or site- specific information.