

ECW5410-L(TH) INDOOR ACCESS POINT



INTRODUCTION

The ECW5410-L is a concurrent dual-band 802.11ac Wave 2 high-density access point. Featuring dual 4x4 Multi-User MIMO (MU-MIMO) radios, the ECW5410-L can simultaneously support up to 600 Mbps and 1.73 Gbps data rates for both 2.4GHz and 5GHz bands, far surpassing the throughput of the latest 802.11ac Wave 1 access points. It provides a Gigabit LAN port for Ethernet-capable network devices and a built-in Bluetooth Low Energy (BLE) beacon that can be used for targeted marketing campaigns. The combination 802.11ac Wave 2 MU-MIMO technology and 4x4 spatial streams makes the ECW5410-L a top choice for high-density environments such as stadiums, arenas, and conference rooms.

HIGHLIGHTS

WI-FI

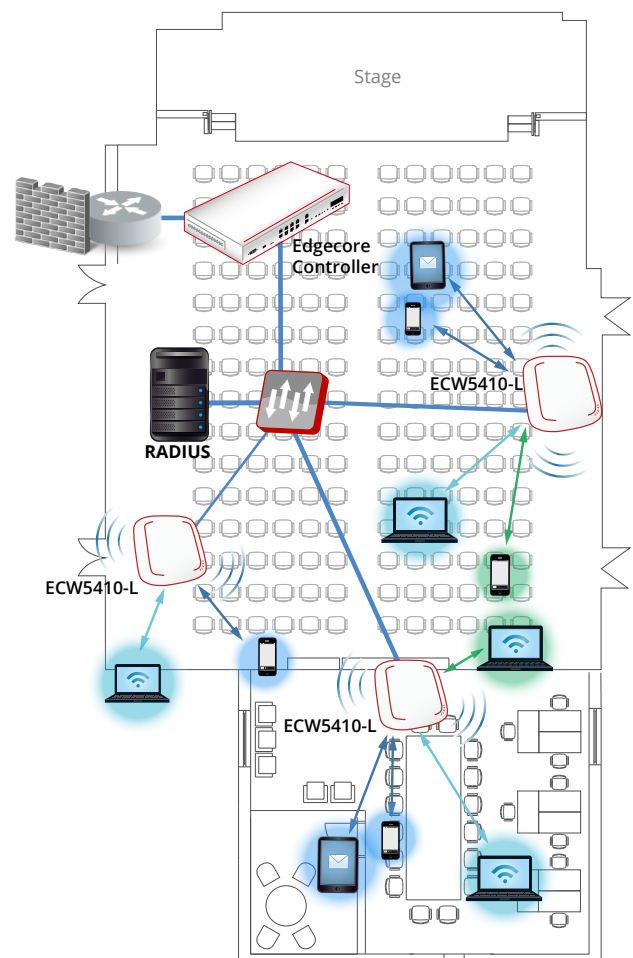
- Concurrent Dual-Band 2.4 & 5 GHz
- 802.11ac 4x4 MU-MIMO supporting up to 2.3 Gbps data rate
- Support up to 32 ESSIDs.
- Enterprise-Grade Wireless Security

PHYSICAL

- Wall and ceiling mountable
- High Density Wi-Fi deployment
- 802.3af PoE LAN port
- Bluetooth Low Energy (BLE)

MANAGEMENT WITH CONTROLLER

- Captive Portal & Guest Provisioning
- Fast Layer 2/Layer 3 Roaming
- User-based Access Management
 - Bandwidth Control
 - Firewall Policies
 - Routing Policies
- Wi-Fi Monetization



SPECIFICATIONS

PHYSICAL	
Power	<ul style="list-style-type: none"> DC Input: 12V / 2.5A (Power adapter optional) PoE: 802.3at compliant (PoE injector optional)
Dimensions	<ul style="list-style-type: none"> 19.0 cm (L) x 19.0 cm (W) x 3.3 cm (H)
Weight	<ul style="list-style-type: none"> 0.61 kg (1.34 lbs)
Interfaces	<ul style="list-style-type: none"> Uplink: 1 x 10/100/1000Base-T Ethernet, Auto MDIX, RJ-45 with 802.3at PoE LAN: 1 x 10/100/1000Base-T Ethernet, Auto MDIX, RJ-45 Console: 1 x RJ-45 Port USB: 1 x USB 2.0 Port
LED Indicator	<ul style="list-style-type: none"> Power / 2G-WiFi / 5G-WiFi / ETH 1 (PoE) / ETH 2
Buttons	<ul style="list-style-type: none"> Reset / Restart
Environmental Conditions	<ul style="list-style-type: none"> Operating Temperature: 0°C (32°F) to 45°C (113°F) Operating Humidity: 5% to 95% non-condensing
Power Consumption	<ul style="list-style-type: none"> 22.5W max.
Antenna	<ul style="list-style-type: none"> Type: 5 x Built-in PIFA (4 x 2.4 GHz & 5 GHz, 1 x Bluetooth Low Energy) Gain: 3 dBi (2.4 GHz), 5 dBi (5 GHz), 3 dBi (BLE)
Mounting	<ul style="list-style-type: none"> Wall/Ceiling mount (Mounting kit included)
RF Output Power*1	<ul style="list-style-type: none"> 2.4 GHz: Up to 17 dBm*2 5 GHz: Up to 18 dBm*2
PERFORMANCE	
Physical Data Rate	<ul style="list-style-type: none"> Up to 600 Mbps (2.4 GHz) Up to 1733 Mbps (5 GHz)
Concurrent Users	<ul style="list-style-type: none"> Up to 256 (128 on 2.4 GHz, 128 on 5 GHz)

*1: RF output power aggregates across MIMO chains and doesn't contain antenna gain

*2: Maximum power is limited by local regulatory requirements

*3: Some channels are restricted by local regulatory requirements