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## Quick Start Guide

### IEEE 802.11a/b/g/n Enterprise Access Point

#### WAP5110-L

The WAP5110-L is a dual-band IEEE 802.11a/b/g/n access point (AP) that is designed to deliver high-performance wireless services for clients in an enterprise environment. Housed in a compact enclosure, the unit includes its own built-in options for mounting on a wall, or suspended ceiling T-rail. The unit can be powered through a PoE cable connection from a PoE network switch, or from its AC power adapter.

In addition, the AP supports network management from an SMC WAC4502 wireless access controller through the Control and Provisioning of Wireless Access Points (CAPWAP) protocol.



**NOTE:** For detailed access point (AP) installation information, refer to the *Installation Guide*, which is on the Documentation CD included with the AP.

**NOTE:** For Safety and Regulatory information, refer to the *Safety and Regulatory Information* document included with the AP.

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The AP includes its own built-in features for mounting the unit to a wall or suspended ceiling T-rail.



**Caution:** The planning and installation of the AP requires professional personnel that are trained in the installation of radio transmitting equipment. The user is responsible for compliance with local regulations concerning items such as antenna power, use of lightning arrestors, grounding, and radio mast or tower construction. Therefore, it is recommended to consult a professional contractor knowledgeable in local radio regulations prior to equipment installation.

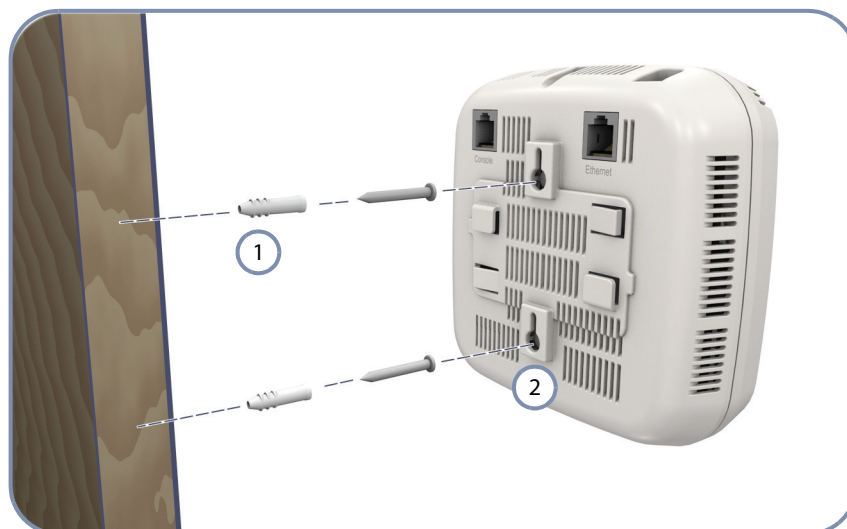
Follow these steps to install the AP:

### 1. Unpack the AP

- ◆ WAP5110-L Enterprise Access Point
- ◆ AC Power adapter
- ◆ Console cable (RJ-45 to DB-9)
- ◆ Quick Start Guide (this guide)
- ◆ Regulatory and Safety Information
- ◆ Documentation CD — includes *Installation Guide*

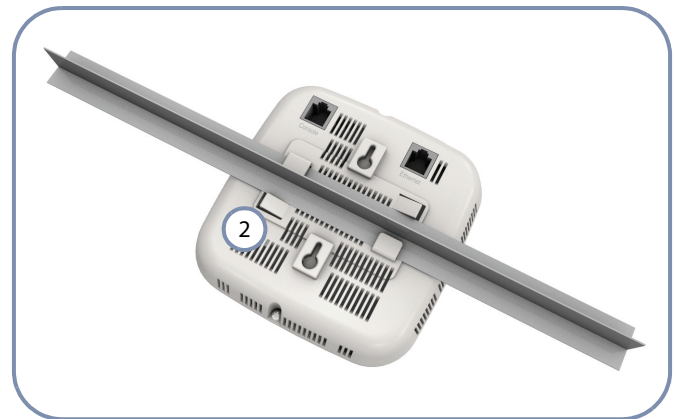
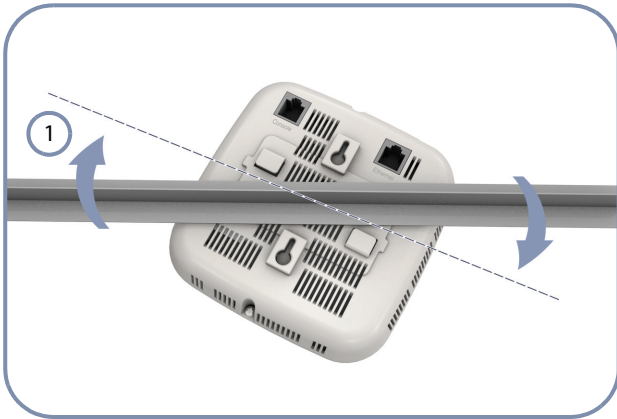
### 2. Mount the AP

After planning your installation, mount the unit on a wall or suspended ceiling T-rail.



#### Mounting on a Wall

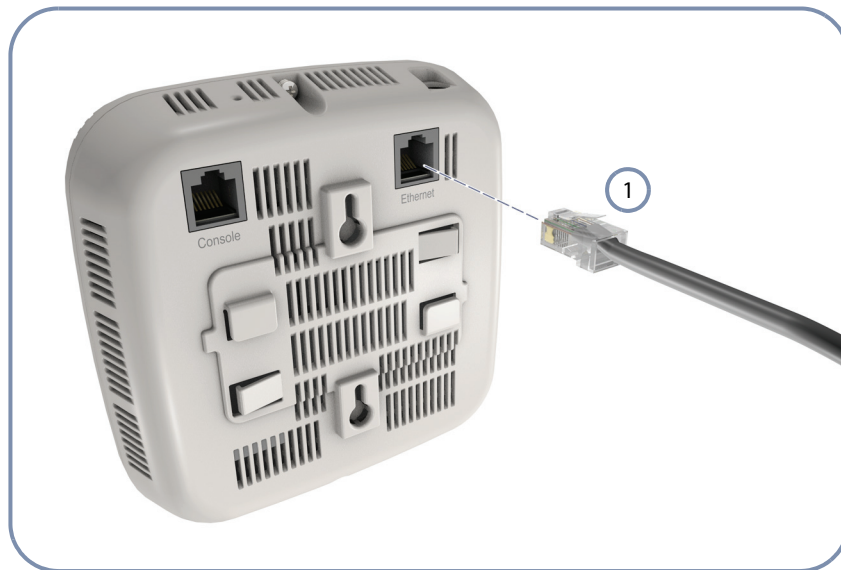
- 1 Set two screws in the wall 6.2 mm (2.4 in.) apart.
- 2 Slide the AP's wall mounting slots down onto the screws so that the unit is secure.



### Mounting on a Ceiling T-rail

- 1 Position the AP's ceiling-mount clip holders on either side of the T-rail.
- 2 Turn the AP until the two clips lock the AP to the T-rail.

**3. Connect Cables** Connect network cable to the RJ-45 port for your network connection. The RJ-45 port connection can also provide PoE power to the unit.



- 1 Connect Category 5e or better cable to the RJ-45 port.

**4. Connect Power** If you do not power the unit using PoE, connect the AC power adapter to the AP and to an AC power source.



- ① Connect the power adapter to the power socket.
- ② Connect the power adapter to a nearby AC power source.

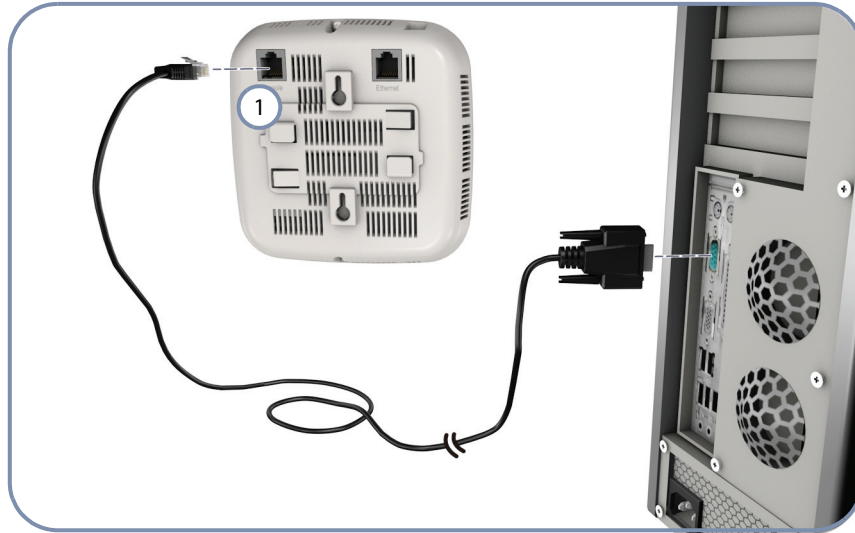
**5. Verify AP Operation** Verify basic AP operation by checking the system LEDs.

The Power LED should be on green and the Network LED on or flashing amber.



- ① Network Link/Activity
- ② Power/Diagnostic

- 6. Connect to the Console Port** To make initial configuration changes to the AP, connect a PC to the AP's console port using the included console cable.



1 Console Port

From a PC running VT-100 terminal emulator software, use the following settings:

- ◆ Baud rate — 115,200 bps
- ◆ Character Size — 8 Characters
- ◆ Parity — None
- ◆ Stop bit — One
- ◆ Data bits — 8
- ◆ Flow control — none

Log in to the command-line interface (CLI) using default settings:

- ◆ Login Name — admin
- ◆ Password — *null* (there is no default password)

For information on manually configuring an IP address for the AP, refer to the *Installation Guide*, which is on the Documentation CD included with the AP.

For further information on AP configuration and CLI commands, refer to the *Management Guide*, which is on the Documentation CD included with the AP.

## Hardware Specifications

Item	Specification
<b>Chassis Specifications</b>	
Size	W x D x H: 140 x 140 x 47.8 mm (5.51 x 5.51 x 1.88 inches)
Weight	500 g (1.10 lbs)
Temperature	Operating: 0 °C to 40 °C (32 °F to 104 °F) Storage: -20 °C to 70 °C (-4 °F to 158 °F)
Humidity	Operating: 5% to 95% (non-condensing)
<b>Network Interfaces</b>	
Ports	One RJ-45 Port: 1000BASE-T, PoE (PD)
2.4GHz Radio	IEEE 802.11b/g/n
5 GHz Radio	IEEE 802.11a/n
Radio Frequencies	2400 ~ 2483.5 MHz 2412 ~ 2472 MHz 5745 ~ 5825 MHz (China) 5180 ~ 5320 MHz (ETSI) 5500 ~ 5700 MHz (ETSI)
<b>Power Supply Specifications</b>	
PoE Input Power	48 VDC, 0.3A
AC Power Adapter	AC Input: 100 ~ 240 VAC DC Output: 12 VDC, 2 A
Power Consumption	22.5 W maximum
<b>Regulatory Compliances</b>	
Radio	ETSI 300 328 (802.11b/g) ETSI 301 893 (802.11a Full range) ETSI 301 489 (DC power) FCC Part 15C 15.247/15.207 (2.4-2.4835GHz, 5.725-5.850GHz) FCC Part 15E 15.407 (5.150GHz-5.250GHz) NCC LP0002 (2.4-2.4835GHz, 5.250-5.350GHz, 5.725-5.850GHz)
Emissions	EN 55022:2007, Class A/B IEC 61000-3-2/3 FCC Class B Part 15 CNS13438
Immunity	EN 55024:2001 + A2:2003 IEC 61000-4-2/3/4/5/6/8/11
Safety	CSA c us (CSA/UL60950-1) CB (IEC60950-1)