APPENDIX A

Access Point Specifications

Table A-1 lists the technical specifications for the 1250 Series Access Point.

Table A-1 Access Point Specifications

Category	2.4 GHz Radio Specifications	5 GHz Radio Specifications
Size	8.1 in. W x 9.5 in. D x 2.3 in. H 20.6 cm W x 24.1 cm D x 5.8 cm H	
Weight	Base access point (without modules): 2.1 lbs (0.78 kg) 2.4- GHz radio module: 1.4 lbs (0.52 kg) 5-GHz radio module: 1.4 lbs (0.52 kg) Blank radio module: 1.1 lbs (0.41 kg)	
Indicators	Three indicators on top of unit: Ethernet traffic, status, and radio traffic.	
Connectors	Base unit (bottom of access point): DC power connector (for plug-in power module); RJ-45 connector for 10BASE-T or 100BASE-T or 1000BASE-T Ethernet connections; RJ-45 connector for serial console port connections. 2.4 GHz radio module (left to right) RP-TNC antenna connectors: Left (A-Tx/Rx); middle (C-Rx), right (B-Tx/Rx). 5-GHz radio module (left to right): Left (A-Tx/Rx); middle (C-Rx), right (B-Tx/Rx).	
Input Voltage	44 to 57 VDC (56 VDC nominal)	
Input Power	Single radio module—15.4 W with a 100 m CAT 5E Ethernet cable)—maximum Dual radio modules —18.5 W with a 100 m CAT 5E Ethernet cable)—maximum	
Operating Temperature	Access point, DC power module, and power injector: –4 to 131oF (–20 to 55oC)	
Storage Temperature	-40 to 185°F (-40 to 85°C)	
Humidity	10 to 90% non-condensing	
Operating altitude	10,000 ft (3048 m) maximum	

Table A-1 Access Point Specifications (continued)

Category	2.4 GHz Radio Specifications		5 GHz Radio Specifications
Power Output	**802.11b**	**802.11g and 802.11n**	**80211a and 802.11n**
	23 dBm 20 dBm 17 dBm 14 dBm 11 dBm 8 dBm 5 dBm 2 dBm -1 dBm (Depending on the regulatory domain in which the access point is installed)	17 dBm 14 dBm 11 dBm 8 dBm 5 dBm 2 dBm -1 dBm (Depending on the regulatory domain in which the access point is installed)	50 mW (17 dBm) 25 mW (14 dBm) 12 mW (11 dBm) 6 mW (8 dBm) 3 mW (5 dBm) 2 mW (2 dBm) 1 mW (-1 dBm) (Depending on the regulatory domain in which the access point is installed)
	Note For the maximum power and the channels allowed in your regulatory domain, refer to the *Channels and Maximum Power Settings for Cisco Aironet Autonomous Access Points and Bridges or the Channels and Maximum Power Settings for Cisco Aironet Lightweight Access Points*.		
Antenna	Three external antenna connectors on each radio module.		
Frequency	2.400 to 2.497 GHz (Depending on the regulatory domain in which the access point is installed)		5.15 to 5.25 GHz 5.25 to 5.35 GHz 5.470 to 5.725 GHz 5.725 to 5.85 GHz (Depending on the regulatory domain in which the access point is installed)
Compliance	The 1250 series access point complies with UL 2043 for products installed in a building's environmental air handling spaces, such as above suspended ceilings. ⚠ **Caution** The 1250 power injector (AIR-PWRINJ4), the 1250 DC power module (AIR-PWR-SPLY1), and the antennas should not be placed in a building's environmental air space, such as above suspended ceilings.		
Safety	IEC60950-1 UL60950-1 CAN/CSA C22.2 Number 60950-1-03 EN60950-1 UL 2043		
Radio Approvals	FCC Parts 15.401 -15.407 FCC Bulletin OET-65C RSS-210 and RSS-102 EN 301.893 AS 4268.2 ARIB STD-T71 Telec 33B		

Table A-1 Access Point Specifications (continued)

Category	2.4 GHz Radio Specifications	5 GHz Radio Specifications
EMI and Susceptibility	FCC Part 15.107 and 15.109 Class B ICES-003 Class B (Canada) EN 55022 Class B EN 55024 AS/NZS 3548 Class B VCCI Class B	
RF Exposure	OET-65C RSS-102 ANSI C95.1	