

Technical Specifications for Cisco Aironet 350 Series Client Adapters

Description	Specification
Data Rates Supported	1, 2, 5.5, and 11 Mbps
Network Standard	IEEE 802.11b
System Interface	PC Card (PCMCIA) Type II
Frequency Band	2.4 to 2.4897 GHz
Network Architecture Types	Infrastructure and ad hoc
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)
Media Access Protocol	Carrier sense multiple access with collision avoidance (CSMA/CA)
Modulation	DBPSK @ 1 Mbps; DQPSK @ 2 Mbps; CCK @ 5.5 and 11 Mbps
Operating Channels	North America: 11; ETSI: 13; Japan: 14
Nonoverlapping Channels	Three
Receive Sensitivity	1 Mbps: -94 dBm ; 2 Mbps: -91 dBm 5.5 Mbps: -89 dBm ; 11 Mbps: -85 dBm
Delay Spread	1 Mbps: 500 ns; 2 Mbps: 400 ns; 5.5 Mbps: 300 ns 11 Mbps: 140 ns
Available Transmit Power Settings	100 mW (20 dBm) ; 50 mW (17 dBm); 30 mW (15 dBm); 20 mW (13 dBm) ; 5 mW (7 dBm); 1 mW (0 dBm) Maximum power setting will vary according to individual country regulations
Range (typical)	Indoor: 130 ft (40m) @ 11 Mbps; 350 ft (107m) @ 1 Mbps Outdoor: 800 ft (244m) @ 11 Mbps; 2000 ft (610m) @ 1 Mbps
Operating Systems Supported	Windows 95, 98, NT 4.0, 2000, ME, CE 2.0, CE 2.1, CE 3.0, Mac OS 9.x, and Linux
Antenna	Integrated diversity dipoles
Encryption Key Length	128-bit
Authentication Type	EAP - Cisco Wireless
Status Indicators	Link Status and Link Activity
Warranty	Limited lifetime

Power Requirements for Cisco Aironet 350 Series Client Adapters

Description	Specification
Input Power Requirements	+5 VDC \pm 5%
Typical Power Consumption (at 100 mW transmit power setting)	Transmit: 450 mA ; Receive: 270 mA Sleep mode: 15 mA

Physical and Environmental Specifications for Cisco Aironet 350 Series Client Adapters

Description	Specification
Dimensions (H x W x D)	0.1 x 2.13 x 4.37 in. (0.3 x 5.4 x 11.1 cm)

Weight	1.6 oz (45g)
Operating Temperature	-22 to 158°F (-30 to 70°C)
Operating Relative Humidity	10 to 90% (noncondensing)

Table 26-39: Regulatory Approvals for Cisco Aironet 350 Series Client Adapters

Description	Specification
Compliance	Operates license free under FCC Part 15 and complies as a Class B device; complies with DOC regulations; complies with ETS 300.328, FTZ 2100, and MPT 1349 standards