

EL-400 Specifications

Wireless Access Point Specifications			
Radio	IEEE 802.11 a/b/g		
Frequency Band & Width	2.412 - 2.462 GHz 5.18 - 5.32 GHz / 5.745 GHz / 5.825 GHz 4.94 - 4.99 GHz (5, 10 or 20 MHz Width*)		
Transmit Power (peak)	<i>a Mode</i>	+24 dBm	<i>b/g Mode</i> +25 dBm
Receive Sensitivity	<i>a Mode</i>	-72 dBm @ 54 Mbps, -91 dBm @ 6 Mbps	
	<i>b Mode</i>	-88 dBm @ 11 Mbps, -97 dBm @ 1 Mbps	
	<i>g Mode</i>	-74 dBm @ 54 Mbps, -91 dBm @ 6 Mbps	
Radio Features			
Multiple ESSID	Up to 4 virtual AP's, with the ability to hide ESSID's		
Access Control	Whitelist or blacklist available for all interfaces		
Transmit Power Control	Radio card power can be scaled to back for closer installations to avoid noise issues and to meet regulatory requirements		
Client Isolation	Inter-station Client Blocking		
Network			
Protocol	TCP/IP, UDP, Spanning Tree		
Modes	Router Mode, Router Mode with NAT, Bridge Mode		
IP Addressing	DHCP client, server or relay		
QoS	802.11e WMM & Tranzeo QoS (4 primary classes)		
Traffic Optimization	Bandwidth allocation per ESSID		
VLAN	802.1Q (VLAN per ESSID)		
Advanced Client Display	Displays client information such as data rate, signal level and traffic usage per interface		
Security	AP-WEP/WPA/WPA2 (PSK w/TKIP, EAP-TLS, EAP-PEAP TLS, EAP-PEAP MSChap/v2, EAP-TTLS), MAC address filtering, Custom Firewall rules		
Management			
Remote Configuration	Web-GUI / remote management and software upgrade / Tranzeo CLI (SSH) / SNMP V2c / Import, Export and Saving of settings as profiles		
Advanced Diagnostic Features	Event Log, Statistics, Packet Capture, Ping, Traceroute and DHCP Relay Tester		
Hardware Specifications			
Ethernet	Auto-sensing 10/100 BaseT		
Power supply	Power over Ethernet (POE)		
Power Consumption	12 W maximum		
Processor	AMCC PowerPC® 405EP 333 MHz offering 500 MIPS		
Ram	64 MB SDRAM		
Dimensions	8.65" x 10.4" x 3.0" (22 cm x 26.5 cm x 7.6 cm)		
Weight	1.80 lbs (0.82kg)		
Antenna Connector	N-Female		
Environmental Specifications			
Operating Temperature	-55 °C to +55 °C		
Storage Temperature	-40 °C to +85 °C		
Weather rating	IP67 and NEMA 4X		
Wind Load	@ 100 mph: 69 N, @ 125 mph: 108 N		
Approvals			
FCC CFR 47 Part 15, Class B			



Specifications are subject to change without notice. f (FCC) and W (World) Models - Subject to local regulations. * 5, 10, 20 MHz channels available in firmware version 5.0 or greater. ** 3 and 5 Year warranties only apply to radio products built after December 1, 2006 and December 31 2007, respectively. All trademarks and copyrights are registered to their respective owners.