



The Intelligent Wireless Networking Choice™

PRODUCT SPECIFICATIONS:

MultiService Access Point / Model 630 Sensor/AP/Indoor (MAP-630 Sensor/AP)

Physical Specifications		
Interfaces	Radios: Triple radios: a/b/g + a/b/g + a/b/g. Radios 1 and 2 independently selectable, radio 3 dedicated RF sensor. Network ports: Single RJ-45, 10/100/1000 BASE-T Ethernet. IEEE 802.3af PoE for Gigabit Ethernet	
Antennas	3 integrated, dual band 2.4/5 GHz omni-directional or directional patch antennas (per flap); 3 reverse polarity male SMA	
Power	48V (IEC Standard input 90 – 264 V (50/60 Hz); 12 Watts, max.	
Dimensions	H: 6.604 cm (2.6 inches) L: 22.352 cm (8.8 inches) W: 17.018 cm (6.7 inches) Weight: 1.814 kg (4 lbs)	
Environmental	Operating: 0° to 50°C Storage: -40° to 80°C Humidity: 5% to 95% typical (non-condensing)	
Compliance and Certification		
Radio Approvals	US: FCC Part 15.247, 90.210, FCC Bulletin OET-65C Canada: RSS-210, RSS-102, RSS-139-1 EU: EN 300-328, ETS 301-398	
Safety Approvals and Other Compliance	UL 60950-1, UL 2043, CAN/CSA-C22.2 No. 60950-1-03, IEC 60950-1, EN 60950-1, FCC part 15, ICES-003 EN 55022, EN 301-489-1, EN 301-489-17, RoHS	
WiFi Certification (COS software v5.2)	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g WPA and WPA2 Wireless Multimedia (WMM), WMM Powersave EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM* IEEE 802.11d, IEEE 802.11h	
Radio Specifications	802.11a operation	802.11b or 802.11g operation
Frequency Bands	Available in accordance with country-specific regulatory approvals: 5.150–5.250 GHz 5.250–5.350 GHz, 5.470–5.725 GHz 5.725–5.825 GHz	Availability in accordance with country-specific regulatory approvals: 2.412 – 2.462 GHz
Operating Channels	Configurable based on country regulations	Configurable based on country regulations
Data Rates	6, 9, 12, 18, 24, 36, 48, 54 Mbps	802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Receive Sensitivity (without antenna)	-87 dBm @ 6 Mbps -67 dBm @ 54 Mbps	802.11g: -87 dBm @ 6 Mbps; -70 dBm @ 54 Mbps 802.11b: -87dBm @ 11Mbps; -94dBm @ 1Mbps
Transmit Power (without antenna)	Transmit Power Control 18 dBm +/- 2 @ 6-24 Mbps 12 dBm +/- 2 @ 54 Mbps	802.11g: 18 dBm +/- 2 @ 6-24 Mbps 13 dBm +/- 2 @ 54 Mbps 802.11b: 18.5 dBm +/- 2 @ 1-11 Mbps

* In addition to the EAP methods tested by the WiFi Alliance, Colubris MAPs also support EAP-FAST and EAP-AKA.



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