



AP-108-2G-400

## WOW! Finally A Rugged 2.4Ghz Access Point Radio

- Only 10 3/8" Square
- Die Cast Housing Offers Excellent Weather Resistance
- Mount Radio to Any 1" to 2" (25 mm to 50 mm) O.D. Mast.
- Heavy-duty Mounting Bracket.
- Stainless Steel Screws
- Broadband Frequency Coverage 2.400 Ghz to 2.484 Ghz
- Electronics Enclosed in Die Cast Aluminum Housing
- 2.4GHz 802.11b/g Standard
- Up To 400mW Output Power
- Integrated Weather-resistant RJ-45 Connector
- Single Cable Ethernet/POE Connection for Data and Power
- 10/100BaseT Ethernet
- 80Mb aggregate throughput (40MHz channel)
- 40Mb aggregate throughput (20MHz channel)
- POE Adapter and AC Power Adapter Included
- Wireless Encryption

### **RF Performance**

Operating Frequency	2.400 2.484 Ghz
RF Output	400mW

### **Mechanical Performance**

Size	10 3/8" x 10 3/8"
Antenna Back Material	Aluminum Plate
Mount Type	L-Bracket with U-bolts
Elevation Adjustment Range	+/-30° Continuous Fine Adjustment
Azimuth Adjustment Range	360° Continuous
Mast Pipe Interface	1" to 2" (25mm to 50mm)
Wind Loading	Operational . 80 mi/h (128 km/h) Survival . 125 mi/h (200 km/h)
Temperature	-20°C to 60°C
Humidity	0 to 100% (Condensing)
Atmosphere	Salt, Pollutants and Contaminants as Encountered in Coastal and Industrial Areas
Shock and Vibration	As Encountered During Shipping and Handling

### **Power Specifications**

Input Voltage	8-18 VDC (Optional 24-48 VDC)
Input Power	8W
Input Power Connection	RJ-45 802.3af Midspan (Passive POE)
AC Power Adapter	12VDC 18W (Optional 48VDC 25W)

### **Network Specifications**

Wireless Data Rates	802.11b: 1,2,5.5,11 802.11g: 6,9,12,18,24,36,48,54,108 Mb
Modulation Type	802.11b DSSS, CCK 802.11g QPSK 16QAM 32QAM 64QAM
Configuration	Web Interface
Protocol	802.3 Ethernet, 802.11b/g Wireless
Wired Interface	10/100baseT Ethernet Auto MDIX
Wireless Encryption	Open, WPA-TKIP, WPA2-AES

*( All Specifications Typical And Subject To Change)*

R-Lan Networks, 8714 Lion St. Ste F, Rancho Cucamonga, CA 91730 (909) 669-5051  
http:// [www.r-lannetworks.com](http://www.r-lannetworks.com) Email: [mike@r-lannetworks.com](mailto:mike@r-lannetworks.com)