



## LevelOne Wireless LAN

### LevelOne Wireless LAN 22Mbps Access Point



#### TECHNICAL DATA

##### Standard Conformance

- IEEE802.11b Compliance
- IEEE802.3 10BaseT Ethernet
- IEEE802.3u 100BaseTX Ethernet

##### LAN Interface

- 1 RJ45 10/100Mbps Ethernet Port

##### Emission Type

- DSSS (Direct Sequence Spread Spectrum)

##### Frequency Band

- 2.4 – 2.4835GHz (subject to local regulations)

##### Number of Channels

- USA and Canada: 11
- Major European Countries: 13
- Japan: 14

##### Data Rate

- 22/11/5.5/2/1 Mbps

##### Transmitter

- RF Output Power: 16 – 18 dBm (40 – 63 mW)
- Frequency Stability: within  $\pm 25$  ppm

##### Data Modulation Type

- BPSK (1Mbps), QPSK (2Mbps), CCK (5.5/11Mbps)  
PBCC (5.5/11/22Mbps)

##### Security

- 64/128/256-Bit WEP

##### Antenna

- 2 dipole antenna with 2 dBi typically

##### Diagnostic LEDs

- Power/Status Red is power on
- Wireless Green is active
- Ethernet Green is active

##### Media Access Protocol

- CSMA/CA with ACK

##### Power Consumption

- Operating: max. 1.2 A
- Standby: 600 mA  $\pm$  50 mA

##### Physical Characteristics

- Operating Temperature: 0°C to 55°C
- Storage Temperature: -20°C to 70°C
- Humidity: max. 95% non-condensing
- Dimensions: 140mm x 90mm x 40mm, Weight: 0.9kg

##### Regulations

- FCC Part 15 Class B
- ETS 300 328, ETS 300 826, En60950 and CE-Mark
- Japan-Telec in Japan

##### Ordering Information

WAP-0002

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