Always....Simple

JW54AP

IEEE802.11g Wireless Access Point

Key Features

- Fully IEEE 802.11g and 802.11b standards compliant.
- Highly efficient design mechanism to provide unbeatable performance achieving data rate up to 54 Mbps for 802.11g and 11 Mbps for 802.11b with wide range coverage.
- Strong network security with 802.1x, and WEP encryption.
- Auto-switch between the two standards IEEE 802.11 b and g that the corresponding networking device is using.
- Support WEP encryption for network security.
- Compliant with IEEE 802.3u and auto-negotiation.
- Support Full-duplex 802.3x and Half-duplex back-pressure flow control.
- Auto MDI/MDIX Fast Ethernet Port
- LED indicator indicates connection status.
- Web-based configuration.

Specification:

Standard
IEEE 802.11b Wireless LAN
IEEE 802.11g Wireless LAN
IEEE 802.3/IEEE 802.3u Fast Ethernet
ANSI/IEEE 802.3 Auto negotiation

Radio Technology
Direct Sequence Spread Spectrum (DSSS)
Orthogonal Frequency Division Multiplexing (OFDM)

Transmission Rate
802.11b: 1, 2, 5.5, 11Mbps (auto sense)
802.11g: 6,9, 12,18, 24, 36, 48,54Mbps (auto sense)

Receiver Sensitivity
54Mbps: Typical -70 @ 10% PER (Packet Error Rate)
11Mbps: Typical -85 @ 8% PER (Packet Error Rate)

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Wireless LAN Frequency Range
2412 ~ 2484 MHz ISM band (channels 1 ~ 14)

Modulation Schemes
DBPSK/DQPSK/CCK/OFDM

Media Access Protocol
CSMA/CA with ACK

Transmit Power
802.11g: 15±2dBm
802.11b: 15±2dBm

Antenna Type
Dual diversity antennas with one internal printed antenna and one external 2 dB Gain dipole antenna

Protocol
TCP/IP

Interface
LAN: 1x 10/100Mbps Auto-MDIX Ethernet port

Network Management
Web base configuration utility via Ethernet

Channel
USA: Channel 1 ~ 11
Europe: Channel 1 ~ 13
Japan: Channel 1 ~ 14

Security
WEP 64/128
WPA-PSK
SSID Broadcast Disable function
MAC Filter

Range Coverage
--Indoor: Up to 50 meters (depends on environment)
--Outdoor: Up to 100 meters (depends on environment)

Diagnostic LEDs
Power,
LAN: Link, ACT
WLAN: ACT

Power Adapter
5V / 2.0A

Operation Temperature
0 ~ 55 ℃

Storage Temperature
-10 ~ 70 ℃

Humidity
10% ~ 95% RH, no condensation

Certifications
FCC Part 15.247 for US
ETS 300 328 for Europe

Dimensions (W x H x D)
146 x 113 x 32mm (without antenna)

Ordering information

MODEL	DESCRIPTION
JW54AP	IEEE802.11g Wireless Access Point

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