

Air+Lite Managed PoE Access Points

Models: APL-WEJ11g
APL-WEJ11g-EA
APL-WEJ11ag
APL-WEJ11ag-EA

Key Highlights

- ▶ Compatible with 802.11 a/b/g standards
- ▶ Modular design suitable for installation in walls or cubicles
- ▶ Powered using PoE
- ▶ Management tools:
 - Available via web-based interface
 - DHCP
 - SNMP V1 and V2
 - System log
 - Upgrade firmware (HTTP or TFTP)
- ▶ Security functions include:
 - WEP
 - WPA2-PSK (TKIP/AES)
 - WPA-2-EAP (TKIP/AED)
 - IEEE 802.1x/RADIUS
 - MAC address control
 - Enable/disable SSID broadcast
- ▶ Auto channel selection setting
- ▶ Available with internal or external antenna
- ▶ Up to four separate and unique SSIDs
- ▶ Wireless distribution system (up to six links)
- ▶ Backed by Waters' limited lifetime warranty.

WATERS NETWORK SYSTEMS
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Air+Lite Wireless Access Points



APL-WEJ11ag-EA



APL-WEJ11ag

Waters Network Systems' Air+Lite AP series are full-featured, PoE powered WLAN Access Points (AP) designed to conveniently fit into new or existing standard 2.81" x 1.75" (NEMA-WD6) wall outlets. The Air+Lite AP can be installed and easily configured into any new wireless network or integrated within an existing wired network. Flexible cost-effective deployment of the Air+Lite enhances the functionality of any wired or wireless LAN.

The Air+Lite AP's provides one 10/100Base-TX port allowing users easy access to all network resources via wired or wireless connectivity. Simple to install and configure the Air+Lite is an economical choice for adding new or existing users to any LAN.

All Air+Lite AP models have built-in Web based management utilities providing an easy to follow set-up wizard for the novice wireless user as well as enhanced utilities for advanced users and/or network administrators.

Power is supplied to the Air+Lite AP via standard Ethernet cable using any 802.3af compliant power injector to enable the Air+Lite to be located without the need for an AC power outlet. In addition to providing the ultimate LAN flexibility, the Air+Lite reduces installation costs since power outlets are not required for each access point.

Features

- High speed 54Mbps wireless and or 100Mbps wired data rate
- RF transmit power setting (5 levels)
- Wireless client isolation
- Hardware watchdog timer
- DHCP client and server
- Packet filtering
- AP load balancing
- Association control
- Link integrity
- WDS (up to six links with WEP encryption)

Air+Lite AP

ORDERING INFORMATION

Model	Description
APL-WEJ11g	Managed 802.11b/g PoE powered access point with 10/100Base-TX (RJ45) user port with internal antenna
APL-WEJ11g-EA	Managed 802.11b/g PoE powered access point with 10/100Base-TX (RJ45) user port with external antenna
APL-WEJ11ag	Managed 802.11a/b/g PoE powered access point with 10/100Base-TX (RJ45) user port with internal antenna
APL-WEJ11ag-EA	Managed 802.11a/b/g PoE powered access point with 10/100Base-TX (RJ45) user port with external antenna

Note: Non PoE models available with external AC/DC power supply.

SPECIFICATIONS

MANAGEMENT FUNCTIONS:

- ▶ Web-based configuration interface; windows-based
- ▶ DHCP client and server
- ▶ Packet filtering
- ▶ Firmware upgradeable
- ▶ Security settings:
 - WEP
 - WPA2-PSK
 - WPA2-EAP
 - 802.1x
- ▶ SNMP V1 and V2

NETWORK STANDARDS:

- ▶ IEEE 802.3
- ▶ IEEE 802.11a
- ▶ IEEE 802.11b/g

LEDs:

- ▶ Power
- ▶ LAN
- ▶ WLAN Activity

EMI/SAFETY COMPLIANCE:

FCC, CE IC-03

NETWORK CABLE CONNECTORS:

- RJ45 shielded female ports
- ▶ 10/100/Mbps: CAT5 UTP or better

POWER:

- ▶ Power over Ethernet (48V, 125mA)
- ▶ Transmit power: Up to 20dBm (100mW)

ANTENNA:

- ▶ APL-11b/g and APL-11a/b/g: Embedded
- ▶ APL-11b/g-EA and APL-11a/b/g-EA: External

OPERATING ENVIRONMENT:

- Ambient Temperature:
- ▶ 32° to 104°F (0° to 40°C)
- Storage Temperature:
- ▶ -4° to 158°F (-20° to 70°C)
- Ambient Humidity:
- ▶ 5% to 95% (non condensing)
- Storage Humidity:
- ▶ 10% to 85% (non condensing)

PHYSICAL CHARACTERISTICS:

- Dimensions:
- ▶ 2.76 x 1.44 x 2.52 in (70 x 36.5 x 64 mm)
- Weight:
- ▶ 1 lb (450g)

WARRANTY:

Limited Lifetime Made in U.S.A