

DAP-3690

Version 1.0

AirPremier[®] N
**Concurrent Dual Band Outdoor
PoE Access Point**

Quick Install Guide

DAP-3690 Quick Install Guide

This installation guide provides basic instructions for installing the DAP-3690 Wireless Access Point on your network. For additional information about how to use the Access Point, please refer to the User Manual which is available on the CD included in this package or from the D-Link support website.

System Requirements

- Computers with Windows®, Macintosh®, or Linux-based operating system with an Ethernet adapter installed
- Internet Explorer 6.0, Firefox 3.0, Chrome 2.0, and Safari 3.0 and above.

Package Contents

- DAP-3690 Concurrent Dual Band Outdoor PoE Access Point
- CD-ROM (with Product Documentation)
- PoE Base Unit
- Four Dipole Antennas
- Grounding Wire
- Power Cord
- Power Adapter
- Mounting Kits
- Console Cable (Indoor use only)*
- Console Cable Waterproof Enclosure
- Two LAN port Waterproof Enclosures

If any of the above items are missing, please contact your reseller.

** Do not use the console cable in an outdoor environment for long term use. We strongly recommend a type CMX console cable for outdoor use.*

Before You Begin

This chapter describes safety precautions and product information you have to know and check before installing DAP-3690.

Professional Installation Required

1. Please seek assistance from a professional installer who is well trained in RF installation and knowledgeable with local regulations.
2. To keep you safe and install the hardware properly, please read and follow these safety precautions.

Safety Precautions

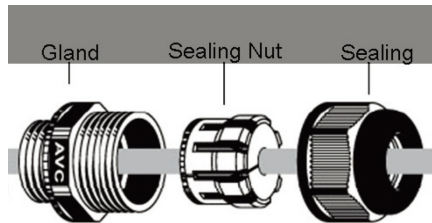
1. If you are installing an antenna for the first time, please seek assistance from a professional installer.
2. Keep safety as well as performance in mind when selecting your installation site, especially where there are electric power and phone lines.
3. When installing your antenna, note the following:
 - Do not use a metal ladder;
 - Do not work on a wet or windy day;
 - Wear shoes with rubber soles and heels, rubber gloves, long sleeved shirt or jacket.
4. When the system is operational, avoid standing directly in front of the antenna. Strong RF fields are present when the transmitter is on.
5. A safety grounding system is necessary to protect your outdoor installation from lightning strikes and the build-up of static electricity. When mounting the Outdoor AP on the antenna mast, you have to connect the Outdoor AP to the same grounding system* with the AC wall outlet.

Note: The grounding system must comply with the National Electrical Code and safety standards that apply in your country.

6. Always check with a qualified electrician if you are in doubt as to whether your outdoor installation is properly grounded.

Physical Installation

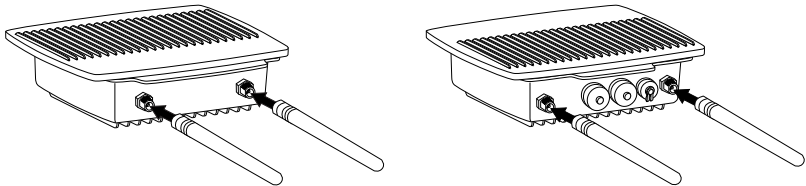
Step 1: Connect the Ethernet cable¹ with the Waterproof Enclosure to the Ethernet port on the DAP-3690 and attach the Grounding Wire².



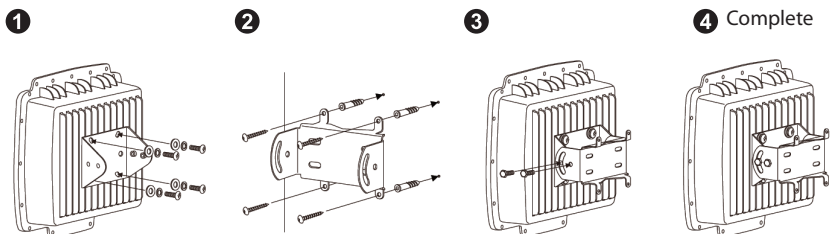
¹ Ethernet cable is not provided in this package

² The unit must be properly grounded to protect against power surges. The grounding point can be found on the bottom of the unit.

Step 2: Attach the four antennas to the surge arrestors.

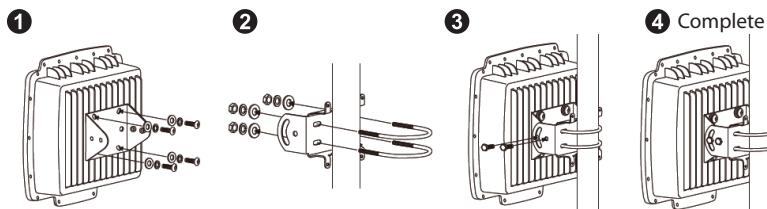


Step 3a: Install Wall Mounting Kit



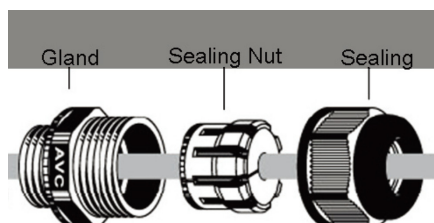
Physical Installation (continued)

Step 3b: Install Pole Mounting Kit

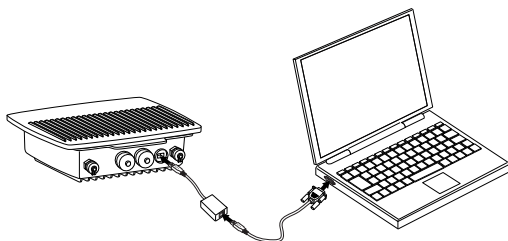


Physical Installation: Console Cable¹

Step 1: Connect the console cable with the waterproof enclosure to the console port (RJ-45 side) on the DAP-3690.



Step 2: Connect the console cable (RS232 side) to your laptop or PC. If the supplied console cable is too short, please extend the console cable by using a CAT5e Ethernet cable² and a CAT5e RJ45 Modular Inline Coupler².

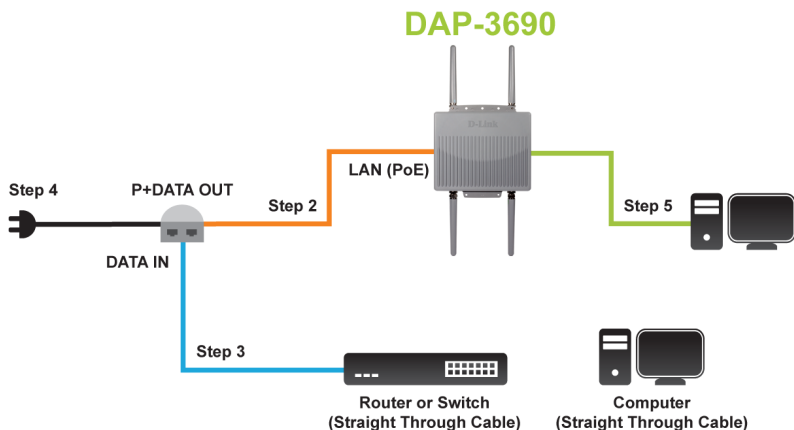


¹ Do not expose the console cable in an outdoor environment for long term use.

² CAT5e Ethernet cable and CAT5e RJ45 Modular Inline Coupler are not included. Please use a straight-through CAT5e Ethernet cable and a CAT5e RJ45 Modular Inline Coupler (two female RJ-45 sockets) to extend the console cable.

Connecting the DAP-3690 Outdoor PoE Access Point to Your Network

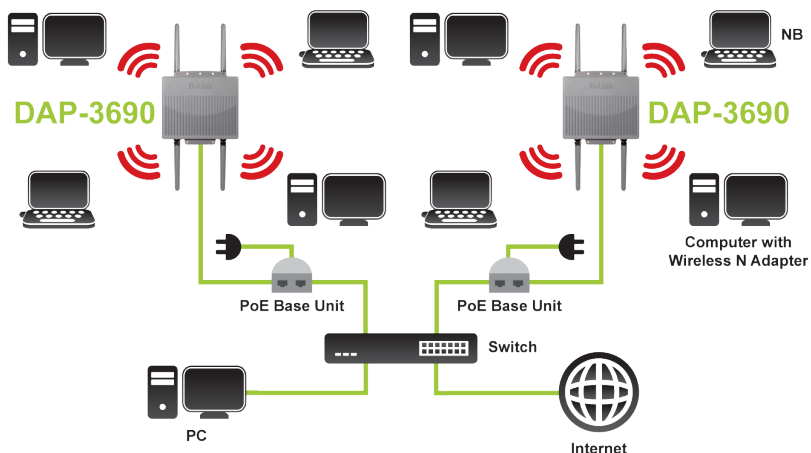
Hardware Installation Overview



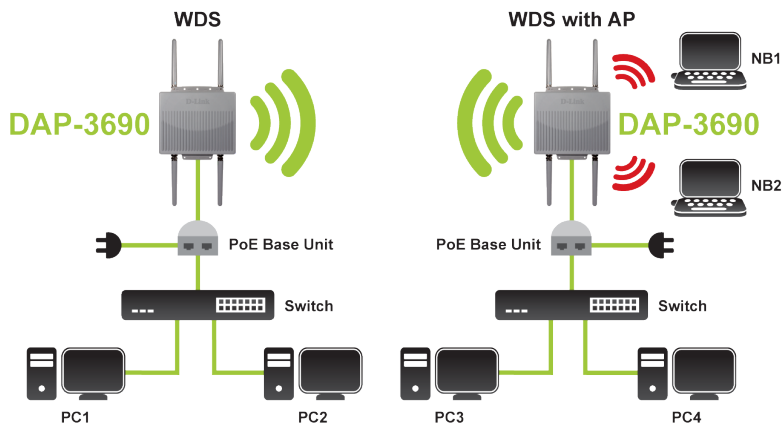
- Step 1:** Complete the Physical Installation first.
- Step 2:** Connect the Ethernet (connected to the DAP-3690 in Step 1 on page 4) to the P+ DATA OUT port on the PoE base unit.
- Step 3:** Connect an Ethernet cable from a router/switch or PC to the DATA IN port on the PoE base unit.
- Step 4:** Attach the power adapter to the connector labeled POWER IN on the PoE base unit. Attach the power cord to the power adapter into an electrical outlet.
- Step 5:** For the console cable requirements, please refer to “Physical Install: Console Cable” on page 5 and connect the console cable to your laptop or PC.

Your Setup is Complete!

AP Mode:



WDS and WDS with AP mode:



* Maximum Wireless signal rate derived from IEEE 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.

Configuration

Connect the DAP-3690 to a Local Computer

If you are configuring the DAP-3690 locally (without connecting its power injector to a wired LAN), connect a PC to the power injector's Ethernet port using a CAT5 Ethernet cable.

1. Assign a static IP address to your PC which is in the same network segment with the DAP-3690. The default IP address of this unit is 192.168.0.50.
2. To test the link status between your PC and the DAP-3690, click **Start > Run** and type **cmd** in the box. At the prompt, execute a continuous ping command "**ping 192.168.0.50 -t**". If the ping request is getting replies, press CTRL-C to stop pinging. Open your web browser and enter the bridge's IP address in the address field and press Enter.

Tech Support

D-Link's website contains the latest user documentation and software updates for D-Link products. U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

877-354-6555

Internet

<http://www.dlink.com>

Canada

Telephone

877-354-6560

Internet

<http://www.dlink.ca>

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