

Figure 1.1

Items included with WAP network (See Figure 1.1):

(2) Wireless Access Points (WAP)

(2) UV rated Ethernet cables, 25 ft. each

Power over Ethernet (P.O.E.) Injector

Please connect and install the device as shown in the figure below.

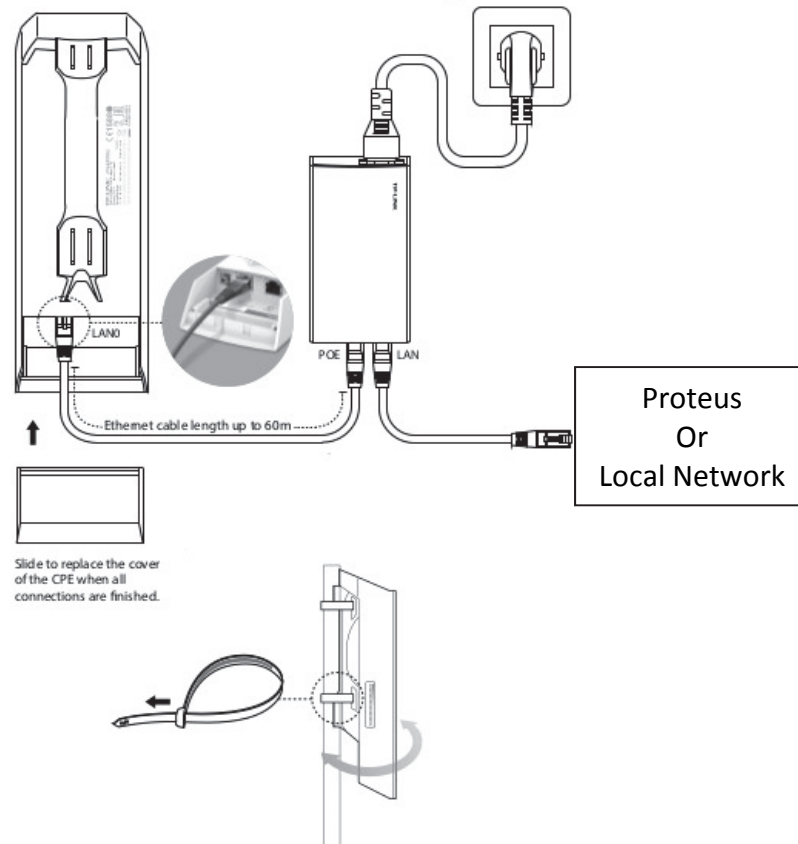


Figure 1.2

The two WAP devices are preconfigured and are marked as LAN or CLIENT.
The two POE injectors are identical and should be installed indoors.
The device marked CLIENT is to be mounted by the remote area (Proteus).
The device marked LAN is to be mounted by the building or computer network.
Plug in the P.O.E. injectors indoors within 25 feet (for supplied cable) of the WAP device.
Connect the UV rated cable to the P.O.E. port on the P.O.E. injector.
The opposite end of the UV rated cable will get connected to LAN(POE IN) of the WAP.

The LAN port of the P.O.E. injector will connect to either the Proteus or the local area network (300 ft. max) using a standard patch cable. (See Figure 1.2).

Lightning & ESD Protection

Proper grounding is extremely important for outdoor devices. By using shielded CAT5e (or above) cable with ground wire for the connection and the provided PoE adapter (method ①), you can effectively eliminate ESD attacks. If you use the general CAT5e cable for the connection, then it is necessary to connect the grounding terminal of the CPE to earth ground through grounding cable (method ②).

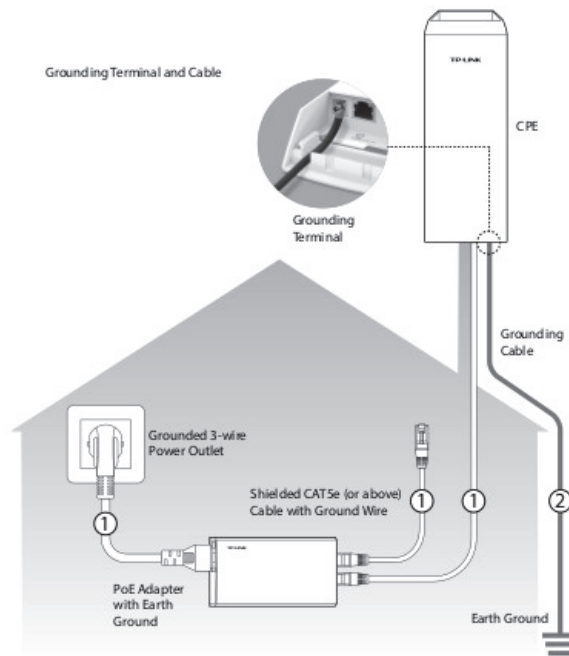


Figure 1.3

When connecting the WAP device to the P.O.E. injector, it is also important to connect the earth ground wire. The earth ground wire should be connected to the best possible grounding source near the WAP device. This will help prevent against lightning and ESD interference (See Figure 1.3).

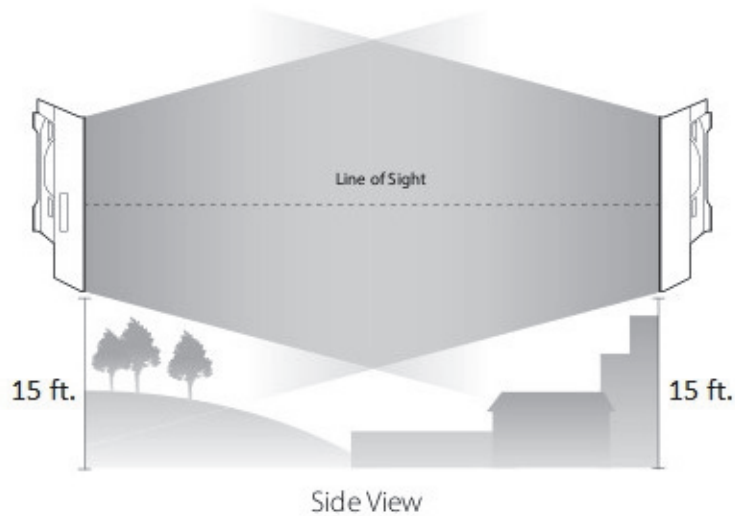


Figure 1.4

The two WAP devices should be directly in view (Line of Sight) of each other and mounted at least 15 ft. off the ground and at the same height for optimal performance (See Figure 1.4).

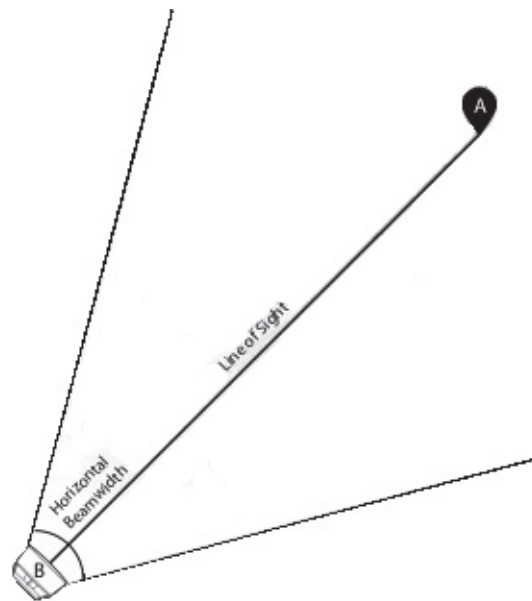


Figure 1.5

There is a 70° beamwidth allowance when mounting the WAP's (See Figure 1.5).

Sample Wireless Access Point Approval Sheet

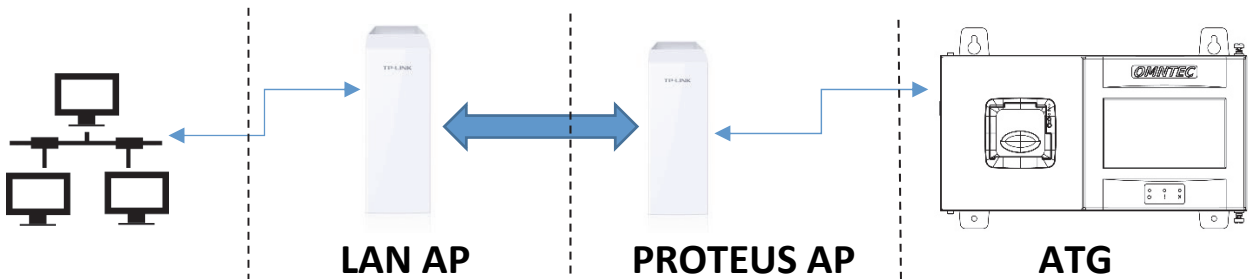
WAP-2 Network approval sheet

Please have responsible parties complete this sheet and return it to finalize the order. Delay in completing this sheet may result in delays in delivery.

1) Will the network be DHCP? YES NO

If the answer to 1 is YES please sign below. Otherwise continue.

2) Please define the desired STATIC networking parameters.



IP HOST ADDRESS	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____
SUBNET MASK	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____
DEFAULT GATEWAY	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____	_____ . _____ . _____ . _____

Print Name	Sign Name	Date
EL	Model	Wireless Distance