



613-001548 Rev.A 110510

Product Specifications

Model Name : AT-TQ2403EX

Product Overview

IEEE 802.11a or b/g Wireless LAN Access Point for Outdoor Communication

Power unit

Rated input voltage	5VDC
Rated input current	2.8A

Environmental conditions

Operating temperature	0 to 40°C
Humidity	Less than 90% (No condensing)

External dimensions

179 (W) x 108 (D) x 29 (H)mm

Weight

230g

Compatible standards

Safety	UL60950-1, CSA-C22.2 No.60950-1
EMI	VCCI Class B

Note

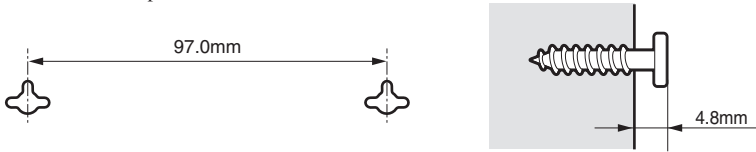
1. This unit is considered desktop or wallmount.
2. Unplug power cord before installing the product, cabling, or transportation.
3. Not for use in a computer room as defined in the Standard for Protection of Electronic Computer/ Data Processing Equipment, ANSI / NFPA 75.
4. Proper ventilation of air flow after installation. Make sure of grounding of the equipment installed.
5. Use only the enclosed AC Adapter in the package.

Wall Mounting

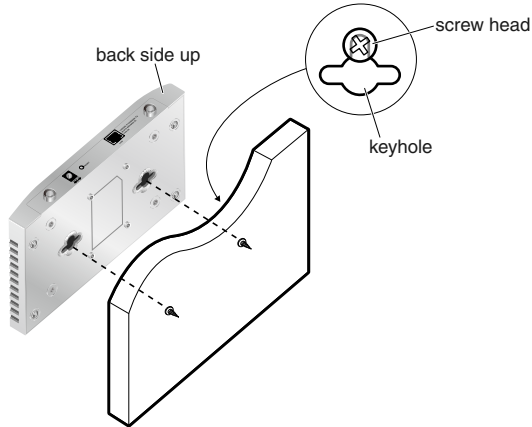
This access point can be mounted on a wall by using the two keyholes which are on the bottom of the access point chassis. For wall-mounting installation, perform the following procedure.

1. Determine where to mount on a wall.
Important: The mounting surface needs proper material to self-tapping screw, such as wood which is strong enough to support the weight of these equipment and cable. If the wall is of improper material such as masonry block, concrete, tile or brick, use the plastic anchors to fasten the screws, or you need to provide proper anchors to fit your wall material.
2. Determine mounting direction. The following 3 directions are available.
(1) left side up (2) back side up (3) right side up
This procedure shows case of (2) back side up position. When you choose the other positions, procedure is same as (2) back side up position but direction.
3. Remove the rubber feet and all cables if previously attached.

- Drill two holes. The distance between the holes is 97mm.
- Screw the self-tapping screws (included) into the holes prepared until the clearance between the wall surface and the top of screw head will be 4.8mm.



- Insert each screw head into the circle portion of each keyhole. Then slide the access point downward to put each screw head in the slot portion of each keyhole.



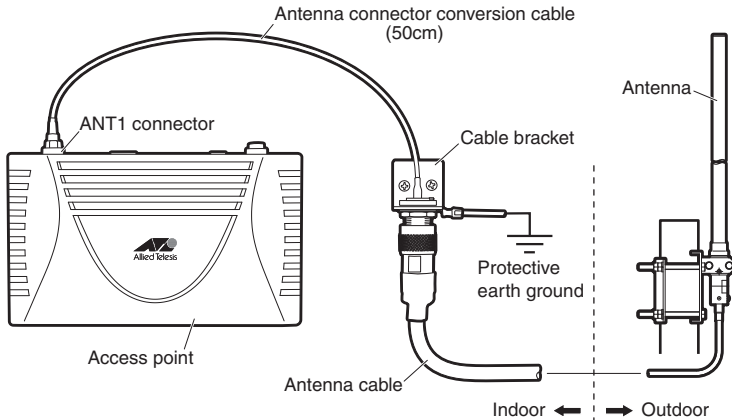
Connection to Protective Ground

Access point, antenna cables and antenna must always be connected to protective earth ground.

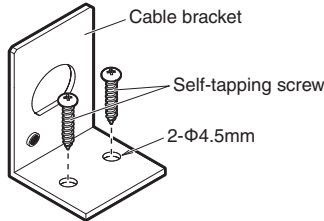


Warning: Do not work on equipment or cables during periods of lightning activity.

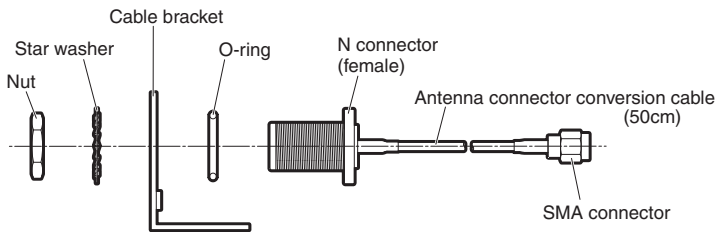
- The access point, the antenna connector conversion cable and the cable bracket should be used indoors. An antenna can be used outdoors.



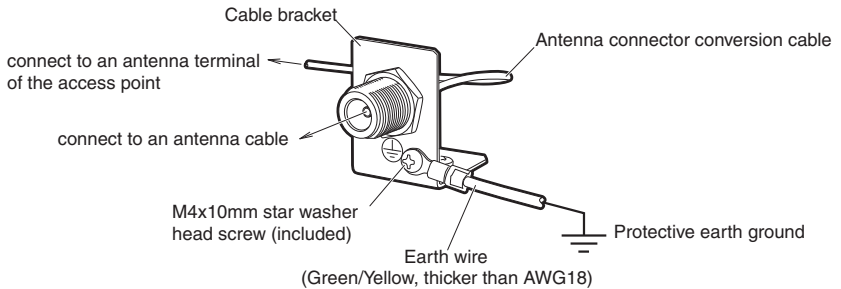
2. Prepare two tapping-screws and grounding wire with crimp-type terminal. The grounding wire must be Green/Yellow at least AWG18.
3. Position the cable bracket on a proper flat surface and screw the cable bracket to the surface with two self-tapping screws.



4. Attach the antenna connector conversion cable to the cable bracket. Assembling order is as follows.



5. Connect an earth wire from protective earth ground to the cable bracket.



6. Connect the SMA connector from the antenna connector conversion cable to the antenna connector of the access point.
7. Connect the antenna cable to the N connector of the antenna connector conversion cable.
8. Connect a LAN cable to the access point. If your LAN switch doesn't support PoE, connect AC adapter also. Refer to section "Power on the access point" for detail.
9. The cable distribution should be grounded (earthed) in accordance with ANSI/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93, Grounding of Outer Conductive Shield of Coaxial Cable.

Power on the access point

To power on the access point, perform the following procedure.

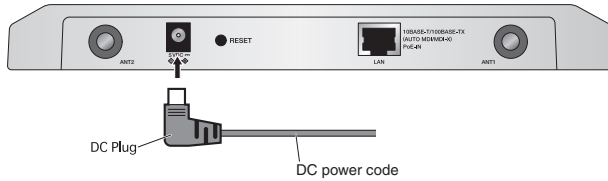


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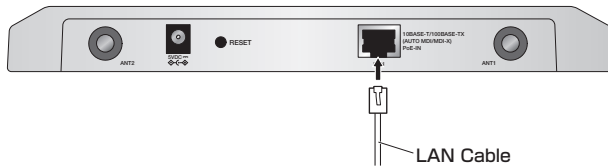


Warning: Power cord is used as a disconnection device. To de-energize equipment, disconnect the power cord.

1. Do one of the following.
 - a. Plug the DC power cord on the adapter into the power connector on the back panel, and plug the power adapter into a wall outlet.



- b. Plug a LAN cable from a LAN switch that supports PoE into the LAN port. No other power connection is required.



2. Verify that the POWER LED is green. The access point is now powered on and ready for network operation.