Quick Installation Guide
AT-TQ4600
Wireless Access Point

Allied Telesis

Installation and User's Guides

This document contains an abbreviated version of the installation instructions for the AT-TQ4600 Wireless Access Point. For complete installation and management instructions, refer to the AT-TQ4600 Installation Guide and AT-TQ Wireless Access Point Series User's Guide on the Allied Telesis web site at **www.alliedtelesis.com/support**.

Safety and Electromagnetic Emissions Certificates

For Safety and Electromagnetic Emissions certificates, refer to the AT-TQ4600 Installation Guide.

Installation Options

This quick installation guide explains how to install the device on a wall or ceiling.

Note:
The non-US model of this product has a country code setting that must be set during the initial management session of the unit. The setting ensures that the unit operates in compliance with the laws and regulations of your country or region.

The country code for the US model is preset and cannot be changed. Per FCC regulations, the country code setting for all WiFi products marketed in the US must be fixed to US operational channels only.

Physical Description

For a physical description of the AT-TQ4600 Wireless Access Point, refer to the AT-TQ4600 Installation Guide.

Package Contents of the AT-TQ4600 Wireless Access Point

The following items should be in the shipping container:

❒ One AT-TQ4600 Wireless Access Point

❒ This AT-TQ4600 Quick Installation Guide

❒ One mounting-bracket screw

❒ One bracket and one base plate for wall or ceiling mounting

If you are not planning to use the PoE+ feature of the access point to power the device, you must separately order the AT-TQ0091 AC/DC Power Adapter. For installation information on the adapter, refer to the AT-TQ4600 Installation Guide.

If any item is missing or damaged, contact your Allied Telesis sales representative for assistance. You should retain the original shipping material in case you need to return the unit to Allied Telesis.

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Installing the Wireless Access Point on a Wall or Ceiling

To install the access point on a wall or ceiling, perform the following procedure:

1. Using the base plate as a template, mark the four holes for mounting the base plate to the wall or ceiling.
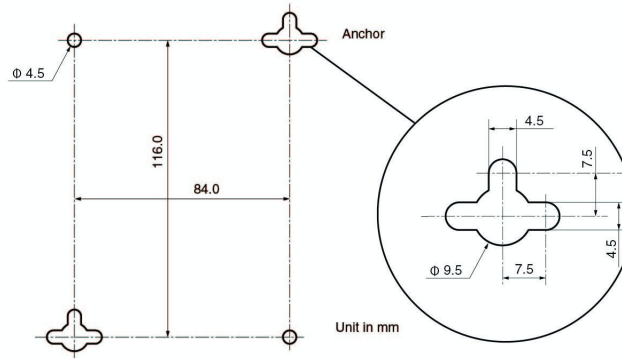

2. Drill the holes for the four self-tapping screws, and if applicable, two wall anchors.
3. If using wall anchors, install the wall anchors.
4. Mount the base plate to the wall or ceiling using the self-tapping screws.
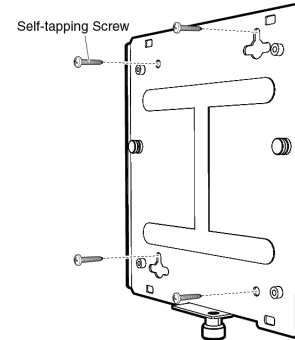

5. Place the access point upside down on a flat surface
6. Place the bracket against the bottom of the access point and use the bracket to push downward on the stopper nub, then turn the bracket in the direction of the arrows shown here until the two hooks hold the bracket, the stopper nub pops up, and the bracket locks in place.
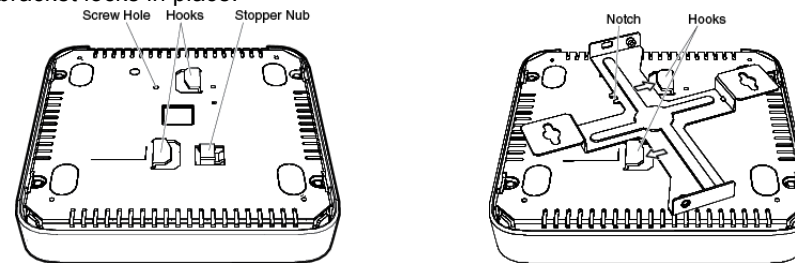
7. Attach the mounting-bracket screw through the notch in the mounting bracket to the access point to fasten the bracket to the access point.
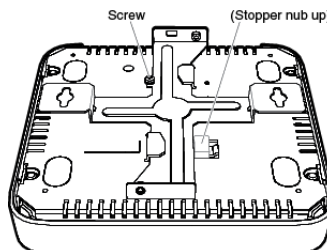
8. Have someone hold the bottom of the access point next to the base plate attached to the wall or ceiling and insert the two base-plate pins into the circles of the keyhole slots.
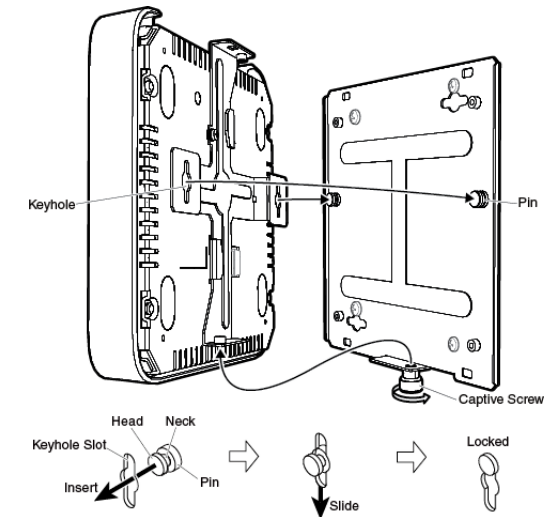
9. Slide the access point downward to lock the necks of the base-plate pins in the slots.
10. Fasten the access point to the base plate by turning the base-plate captive screw clockwise using a Phillips-head screwdriver.
11. Connect a network cable to the LAN port on the rear panel of the access point.

12. Connect the other end of the network cable to a port on the PoE enabled networking device (for example, Ethernet switch, midspan power-sourcing device).

Kensington Lock

A Kensington lock can be used to secure the device. For the location of the lock, refer to the AT-TQ4600 Installation Guide.

Starting the Initial Management Session

This section contains an abbreviated version of the procedure for starting the initial management session. For complete instructions, refer to the AT-TQ4600 installation Guide or AT-TQ Wireless Access Point Series User's Guide.

The wireless access point has a DHCP client. The default setting for the client is enabled. When you power on the access point for the first time, it queries the subnet on the LAN port for a DHCP server. If a DHCP server responds to its query, the unit uses the IP address the server assigns to it. If there is no DHCP server, the access point uses the default IP address 192.168.1.230.

To start the initial management session, perform the following procedure:

1. Start the web browser on your management workstation.
2. Enter the IP address of the wireless access point in the URL field of the web browser. The address is one of the following:

❒ If your network does not have a DHCP server, enter the default address 192.168.1.230.

❒ If your network has a DHCP server, enter the IP address the DHCP server assigned to the access point.

The wireless access point displays the logon prompt.

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User Name [ ]
Password [ ]

[Logon]

3. Enter "manager" for the username and "friend" for the password. The username and password are case-sensitive.

Setting the Country Setting

For instructions on setting the country setting, refer to the AT-TQ4600 installation Guide or AT-TQ Wireless Access Point Series User's Guide.

Note:
The non-US model of this product has a country code setting that must be set during the initial management session of the unit. The setting ensures that the unit operates in compliance with the laws and regulations of your country or region.

The country code for the US model is preset and cannot be changed. Per FCC regulations, the country code setting for all WiFi products marketed in the US must be fixed to US operational channels only.

LEDs

The LEDs on the top panel of the access point are described in this table.

LED	State	Description
PWR	Solid Green	The unit is receiving DC power that is within the normal operating range.
	Off	The power supply is not receiving power from either the AC/DC power adapter or a PoE+ Ethernet switch.
SYS	Solid Amber	The access point is loading its firmware or there is a system fault.
	Off	The unit is operating normally.
LAN	Solid Green	The Ethernet port is operating at 1000 Mbps.
	Flashing Green	The Ethernet port is operating at 1000 Mbps with link activity.
	Solid Amber	The Ethernet port is operating at 10/100 Mbps.
	Flashing Amber	The Ethernet port is operating at 10/100 Mbps with link activity.
2.4GHz	Solid Green	The 2.4GHz radio is sending and receiving radio waves.
5GHz	Solid Green	The 5GHz radio is sending and receiving radio waves.

You may turn off the LEDs with the management software.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

❐ Reorient or relocate the receiving antenna.

❐ Increase the separation between the equipment and receiver.

❐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

❐ Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The band from 5600-5650MHz will be disabled by the software during the manufacturing and cannot be changed by the end user. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada Statement

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution:

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and

(iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

(iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement:

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment:

(i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;

(iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

(iv) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

European Union Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment

This Allied Telesis RoHS-compliant product conforms to the European Union Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment. Allied Telesis ensures RoHS conformance by requiring supplier Declarations of Conformity, monitoring incoming materials, and maintaining manufacturing process controls.

Europe - EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. For more information, refer to the AT-TQ4600 Installation Guide.

Product Specifications

For product specifications, refer to the AT-TQ4600 Installation Guide.