



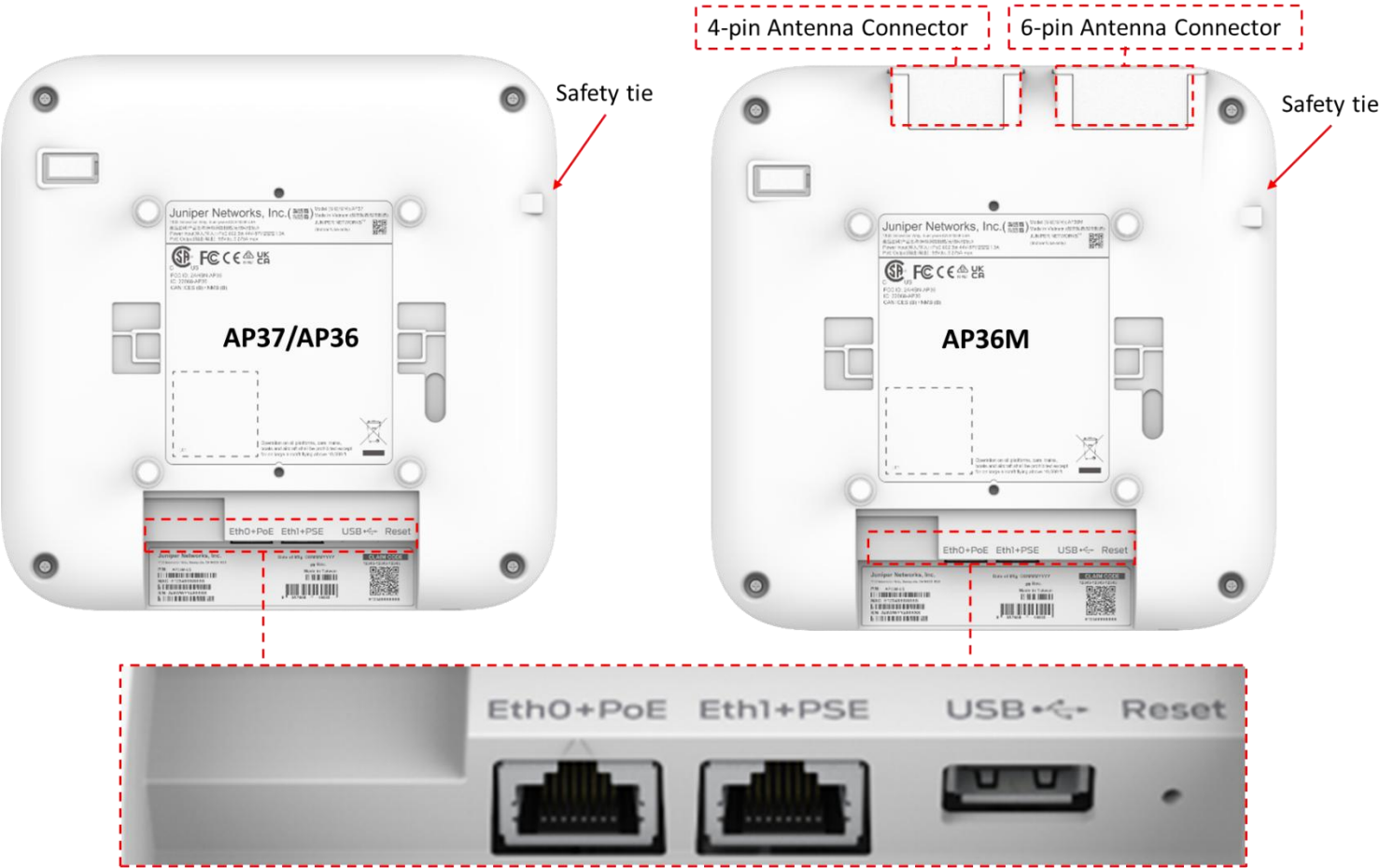
AP37, AP36, & AP36M

Hardware Installation Guide

Overview

The AP37, AP36, & AP36M contains four IEEE 802.11be radios that deliver 2x2 MIMO with 2 spatial streams for 2.4GHz, 4x4 MIMO with four spatial streams for 5GHz, and 4x4 MIMO with four spatial streams for 6GHz all of which operate in multi-user (MU) or single-user (SU) mode. The AP37, AP36, & AP36M can operate simultaneously in the 6GHz band, 5GHz band, and 2.4GHz band along with a dedicated tri-band scan radio.

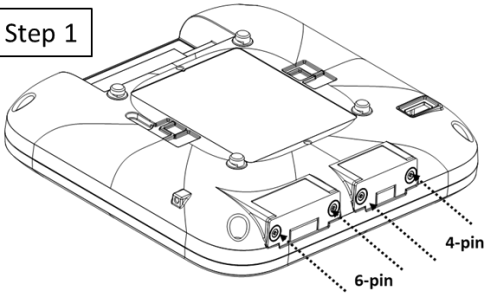
I/O ports



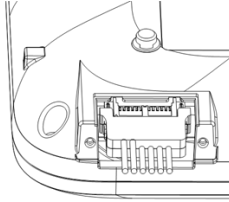
Eth0+PoE-in	100/1000/2500/5000/10000BASE-T RJ45 interface that supports 802.3at/802.3bt PoE In
Eth1+PoE-out	10/100/1000BASE-T RJ45 interface that supports 802.3af PoE Out
USB	USB2.0 support interface
Reset	Reset to the factory default settings

AP36M Antenna attachment

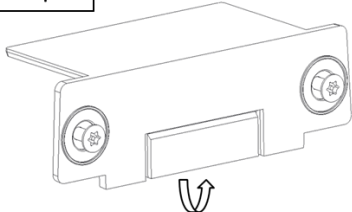
Step 1



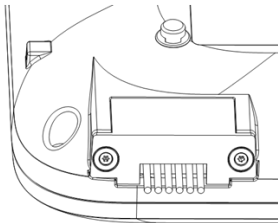
Step 2



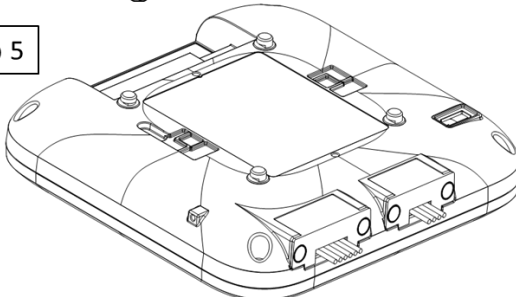
Step 3



Step 4



Step 5



Step 1

Unscrew the antenna port covers using a T8 security torx bit.

Step 2

Connect antenna to the AP

Step 3

Bend the breakoff tab on the covers.

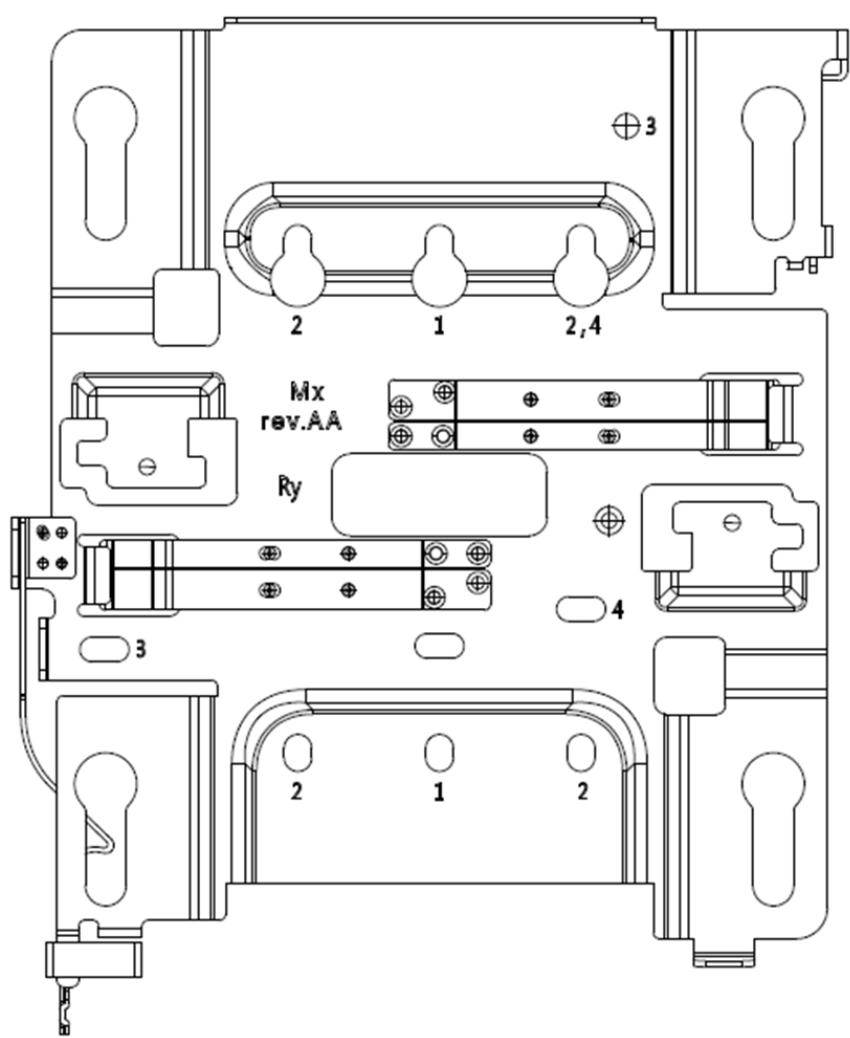
Step 4

Attach the antenna port cover on the AP using a T8 security torx bit

Step 5

Place the provided lexan labels on the port cover screws

APBR-U Mounting box options

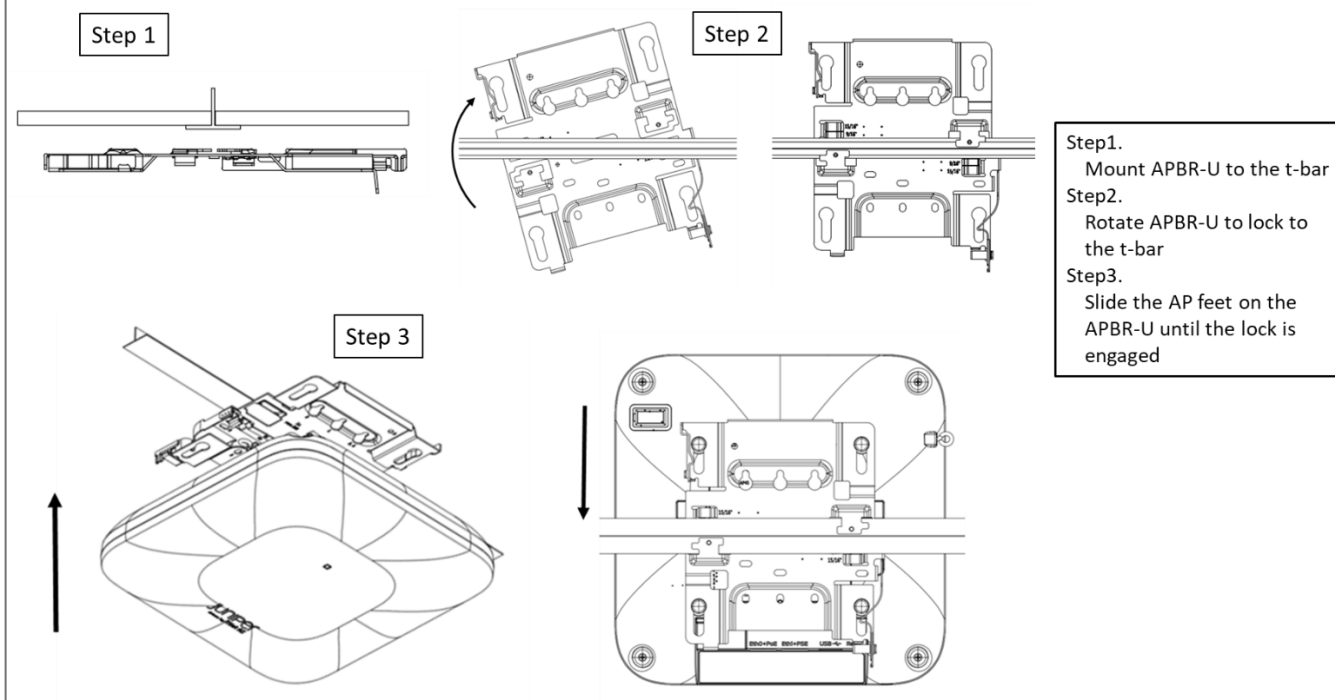


Holes	Mounting options
1	US Single gang, 4 inch round, 3.5 inch round
2	US Double gang, Wall/ceiling mount
3	US 4 inch square
4	EU junction box

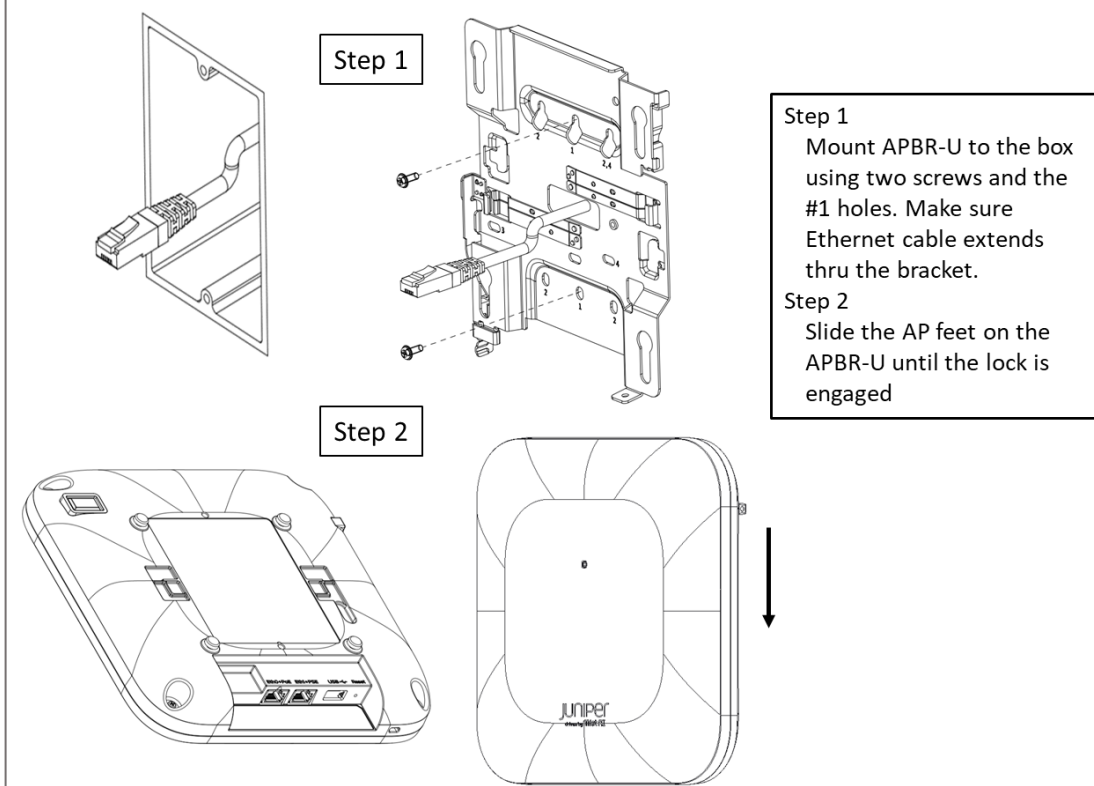
In a wall mount installation, please use screws that have a 1/4in. (6.3mm) diameter head with a length at least 2 in. (50.8mm).

APBR-U that is in the AP37, AP36, or AP36M box includes a set screw and an eyehook.

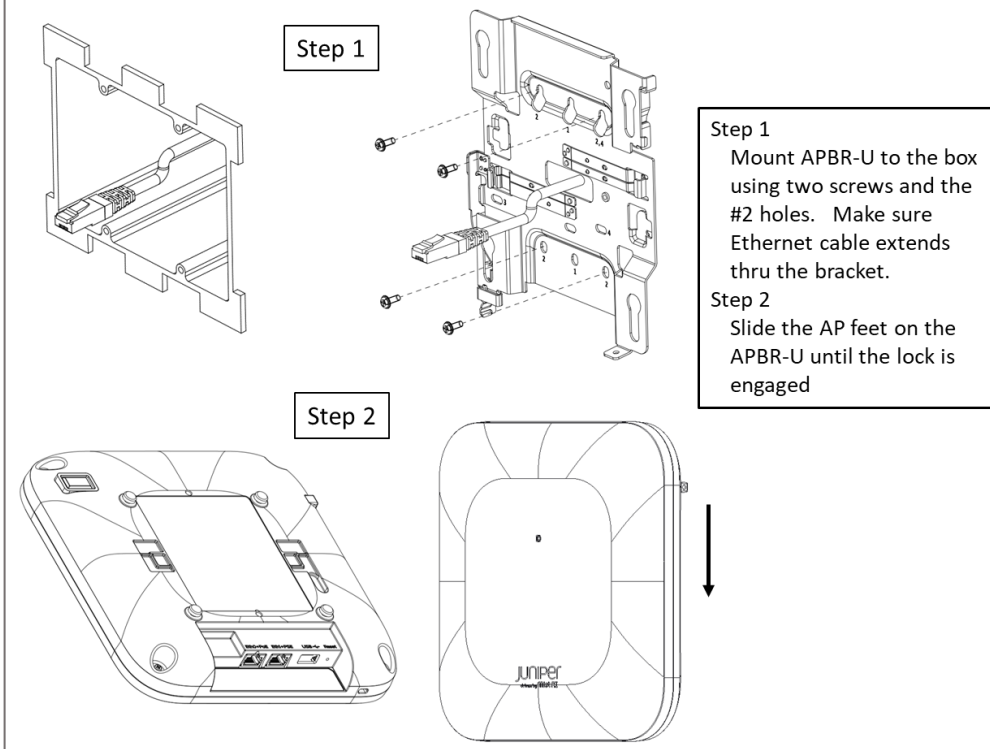
Mounting to a 9/16 inch or 15/16 inch T-bar



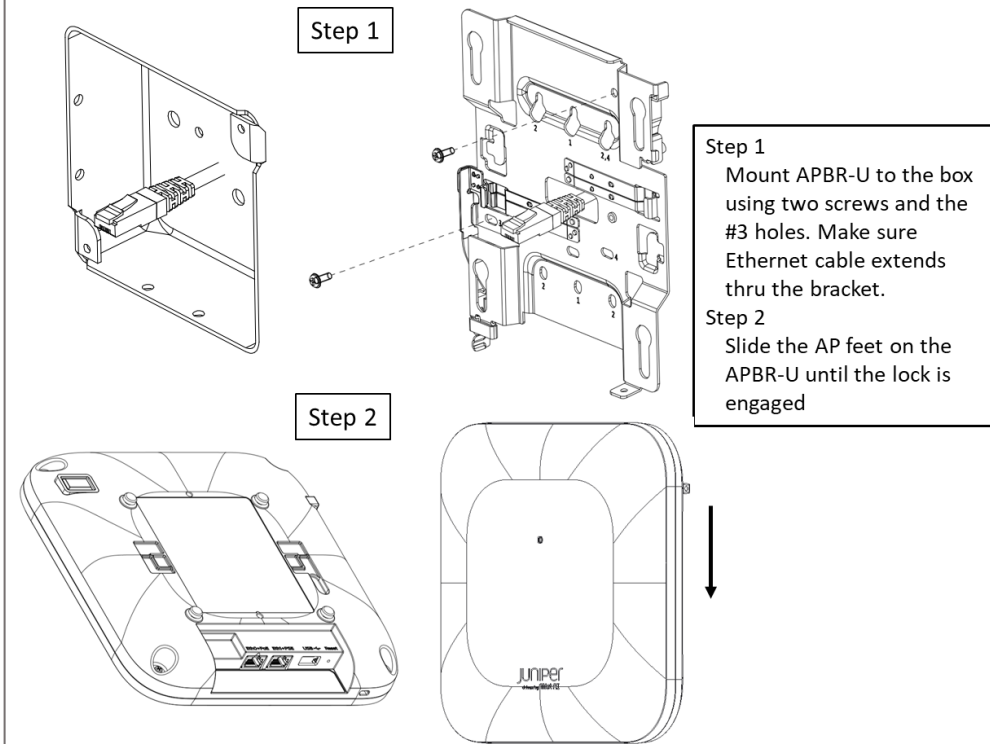
US single gang, 3.5 or 4 inch round junction box



US double gang junction box

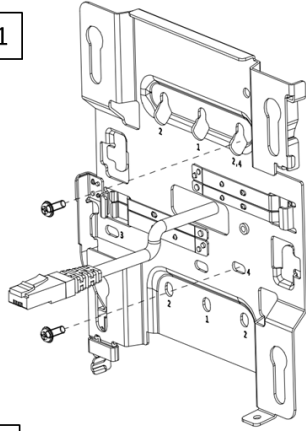
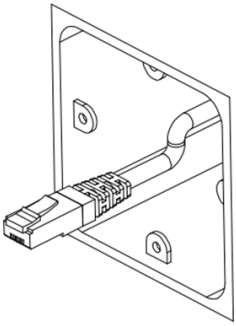


US 4 inch square junction box



EU junction box

Step 1



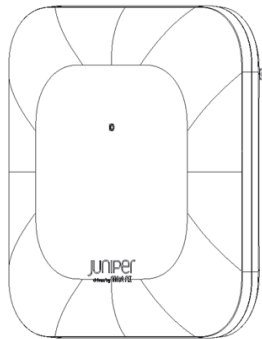
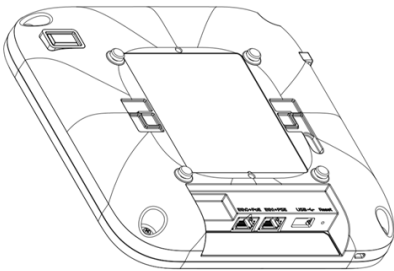
Step 1

Mount APBR-U to the box using two screws and the #4 holes. Make sure Ethernet cable extends thru the bracket.

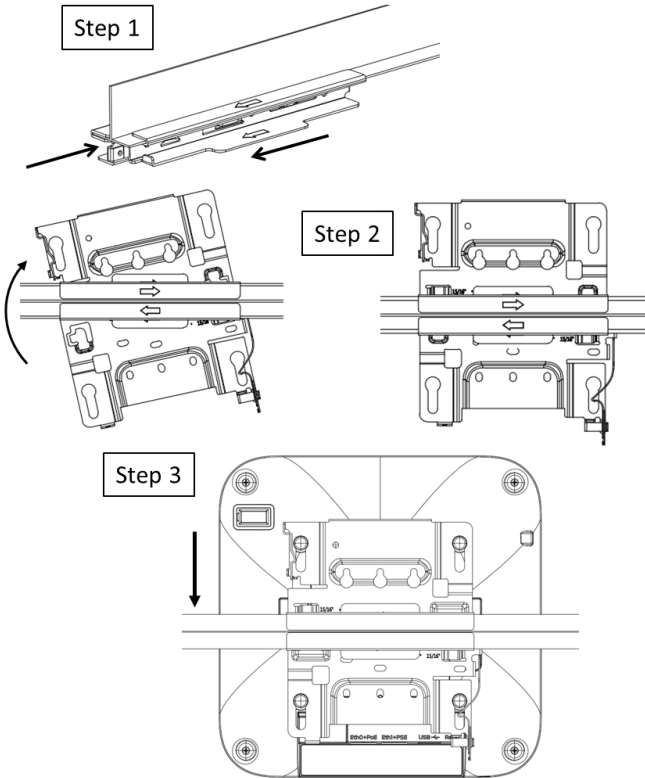
Step 2

Slide the AP feet on the APBR-U until the lock is engaged

Step 2

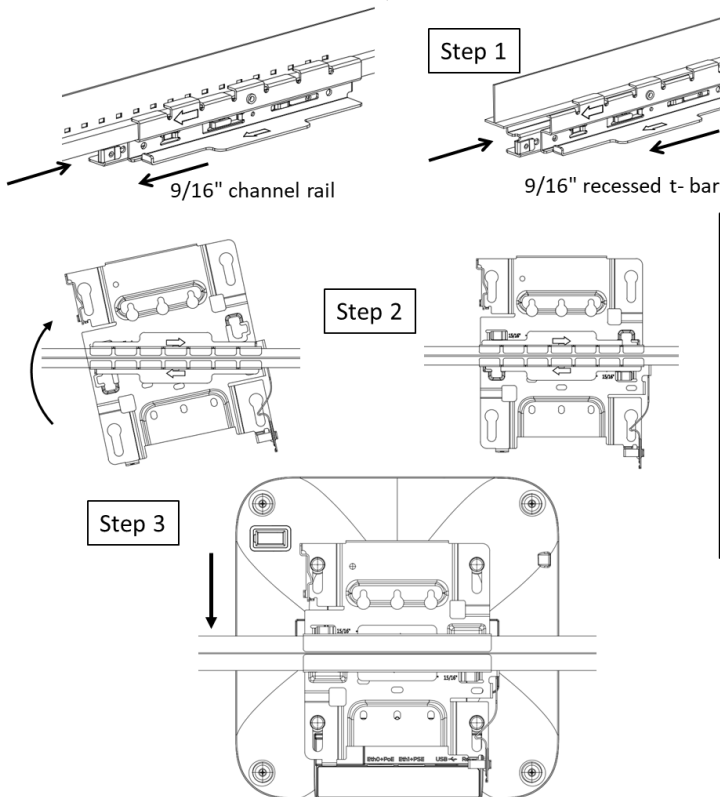


Recessed 15/16 inch T-bar



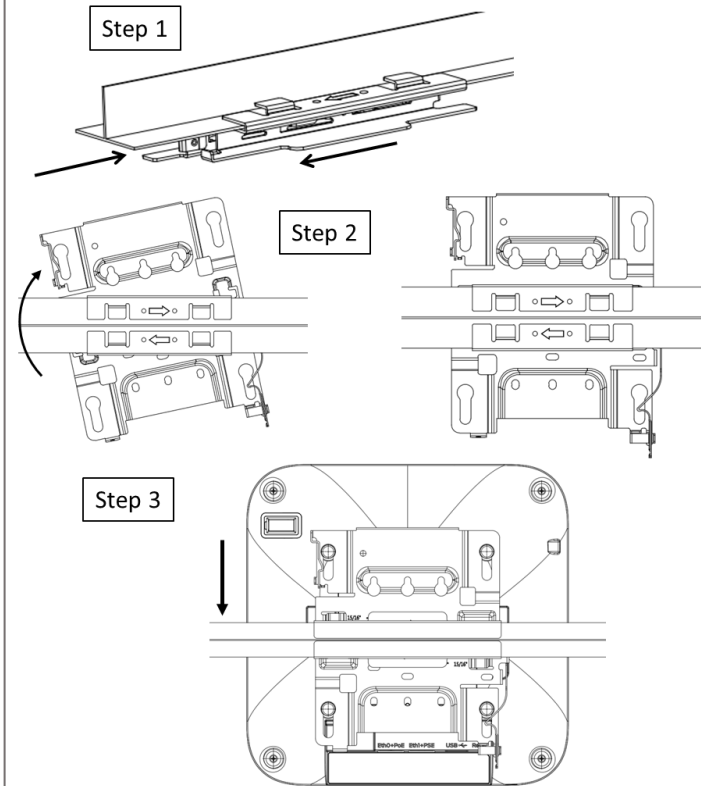
- Step 1**
Mount the APBR-ADP-RT15 to the t-bar
- Step 2**
Mount the APBR-U to the APBR-ADP-RT15. Rotate the APBR-U to lock to the APBR-ADP-RT15
- Step 3**
Slide the AP feet on the APBR-U until the lock is engaged

Recessed 9/16 inch T-bar or channel rail



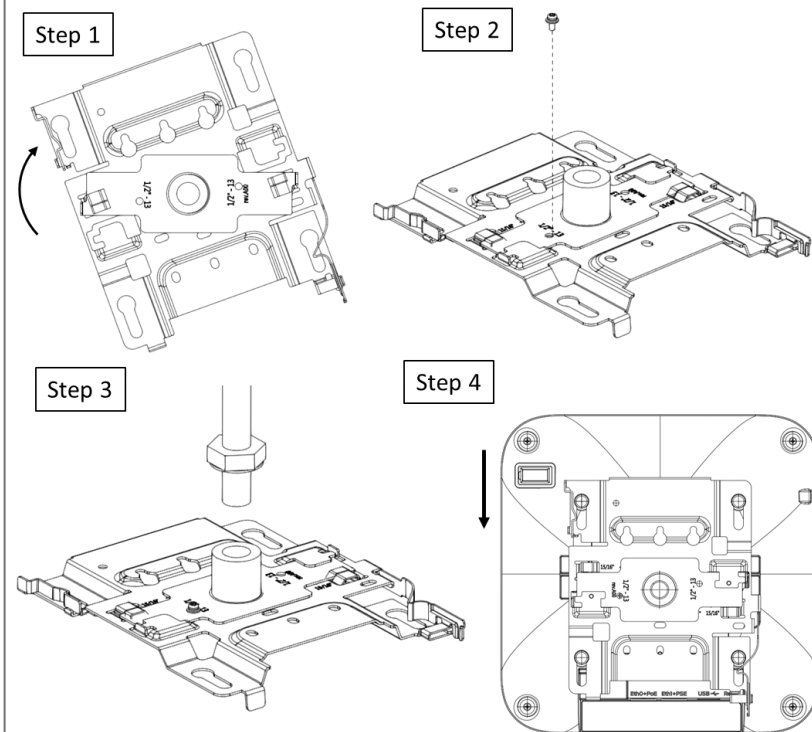
- Step 1**
Mount the APBR-ADP-CR9 to the t-bar
- Step 2**
Mount the APBR-U to the APBR-ADP-CR9. Rotate the APBR-U to lock to the APBR-ADP-CR9
- Step 3**
Slide the AP feet on the APBR-U until the lock is engaged

1.5 inch T-bar



- Step 1**
Mount the APBR-ADP-WS15 to the t-bar
- Step 2**
Mount the APBR-U to the APBR-ADP-WS15. Rotate the APBR-U to lock to the APBR-ADP-WS15
- Step 3**
Slide the AP feet on the APBR-U until the lock is engaged

Threaded rod adapter (1/2", 5/8", or M16)



- Step 1**
Install the APBR-ADP-T12 to the APBR-U. Rotate to lock.
- Step 2**
Secure the APBR-ADP-T12 to the APBR-U with the provided screw
- Step 3**
Install the bracket assembly to the 1/2" threaded rod and secure with the provided lock washer and nut.
- Step 4**
Slide the AP feet on the APBR-U until the lock is engaged
- The same instructions work for the APBR-ADP-T58 or APBR-ADP-M16

The threaded rod adapter attaches to a rod that is either 1/2"-13, 5/8"-11, or M16-2.

Technical Specifications:

Feature	Description
Power options	802.3at/802.3bt PoE
Dimensions	AP37: 230mm x 230mm x 45mm (9.06in x 9.06in x 1.77in) AP36: 230mm x 230mm x 45mm (9.06in x 9.06in x 1.77in) AP36M: 230mm x 230mm x 45mm (9.06in x 9.06in x 1.77in)
Weight	AP37: 1.53 kg (3.37 lbs) AP36: 1.50 kg (3.31 lbs) AP36M: 1.55 kg (3.42 lbs)
Operating temperature	AP37: 0° to 40° C AP36: 0° to 40° C AP36M: -20° to 50° C
Operating humidity	10% to 90% maximum relative humidity, non-condensing
Operating altitude	3,048m (10,000 ft)
Electromagnetic emissions	FCC Part 15 Class B
I/O	1 – 100/1000/2500/5000/10000BASE-T RJ-45 with PoE In 1 – 10/100/1000BASE-T RJ-45 with PoE Out USB2.0
RF	2.4GHz - 2x2:2SS 802.11be MU-MIMO & SU-MIMO 5GHz - 4x4:4SS 802.11be MU-MIMO & SU-MIMO 6GHz - 4x4: 4SS 802.11be MU-MIMO & SU-MIMO 2.4GHz / 5GHz / 6GHz scanning radio AP37: 2.4GHz BLE with Dynamic Antenna Array AP36: 2.4GHz BLE with Omni Antenna AP36M: 2.4GHz BLE with Omni Antenna 802.15.4: dual radio GNSS: L1 & L5
Maximum PHY rate	Total maximum PHY rate – 17.98 Gbps 6GHz – 11.53 Gbps 5GHz – 5.76 Gbps 2.4GHz – 0.688 Gbps
Indicators	Multi-color status LED
Safety standards	UL 62368-1 (Third Edition) CAN/CSA-C22.2 No. 62368-1:19+Upd 1 (Third Edition) UL 2043 ICES-003:2020 Issue 7, Class B (Canada)

Suitable for use in environmental air space in accordance with Section 300-22(C) of the National Electrical Code, and Sections 2-128, 12-010(3), and 12-100 of the Canadian Electrical Code, Part 1, CSA C22.1.

Warranty Information

The AP37 and AP36 family of Access Points come with a limited lifetime warranty.

Ordering Information:

Access Points

AP37-US	802.11be WiFi7 2+4+4 and BLE Array AP – Internal Antenna for the US Regulatory domain
AP36-US	802.11be WiFi7 2+4+4 and BLE AP – Internal Antenna for the US Regulatory domain
AP36M-US	802.11be WiFi7 2+4+4 and BLE AP – Directional or External Antenna for the US Regulatory domain
AP37-WW	802.11be WiFi7 2+4+4 and BLE Array AP – Internal Antenna for the WW Regulatory domain
AP36-WW	802.11be WiFi7 2+4+4 and BLE AP – Internal Antenna for the WW Regulatory domain
AP36M-WW	802.11be WiFi7 2+4+4 and BLE AP – Directional or External Antenna for the WW Regulatory domain

Mounting brackets

APBR-U	Universal AP Bracket for T-Rail and Drywall mounting for Indoor Access Points
APBR-ADP-T58	Adapter for 5/8-inch threaded rod bracket
APBR-ADP-M16	Adapter for 16mm threaded rod bracket
APBR-ADP-T12	Adapter for 1/2-inch threaded rod bracket
APBR-ADP-CR9	Adapter for channel rail and recessed 9/16" t-rail
APBR-ADP-RT15	Adapter for recessed 15/16" t-rail
APBR-ADP-WS15	Adapter for recessed 1.5" t-rail

Power Supply options

802.3at or 802.3bt PoE power

Regulatory Compliance Information:

This product and all interconnected equipment must be installed indoors within the same building, including the associated LAN connections as defined by the 802.3at Standard.

Operations in the 5.15GHz – 5.35GHz band are restricted to indoor usage only.

If you need further assistance with purchasing the power source, please contact Juniper Networks, Inc.

FCC Requirement for Operation in the United States of America:

FCC Part 15.247, 15.407, 15.107, and 15.109

FCC Guideline for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between the radiator & your body; AP37 – 24cm, AP36 – 24cm, and AP36M – 24cm.

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.
- For operation within 5.15 ~ 5.25GHz / 5.47 ~ 5.725GHz / 5.925 ~ 7.125GHz frequency range, it is restricted to indoor environment.
- The 5.925 ~ 7.125GHz operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

- Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or Communications with unmanned aircraft systems.

Industry Canada

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). 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.

Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes au (x) RSS (s) exemptés de licence d'Innovation, Sciences et Développement économique Canada. L'opération est soumise 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.

This radio transmitter [22068-AP36] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio (22068-AP36) a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal d'antenne. Les types d'antennes non inclus dans cette liste qui ont un gain supérieur au gain maximal indiqué pour tout type listé sont strictement interdits pour une utilisation avec cet appareil.

Approved antenna(s) list:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	AccelTex	ATS-OP-2456-81010-10MPC-36	Patch	4-port Samtec	Note 1	WLAN 2.4GHz (Radio2) WLAN 5GHz UNII 1-3 (Radio1)
	2						
	3						
	4						
	1				6-port Samtec		WLAN 6GHz UNII 5-8 (Radio 0)
	2						
	3						
	4						
	1						WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)

Note 1:

	Antenna Gain (dBi)		
Ant.	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)	WLAN 6GHz UNII 5-8 (Radio 0)
1	8	10	10
	Scanning radio (Radio 3)		
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
	8	10	10

IC 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 be such that the equipment still complies with the e.i.r.p. limit;
- (iii) The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and
- (iv) Operation shall be limited to indoor use only.
- (v) Devices shall not be used for control of or communications with unmanned aircraft systems.
- (vi) Devices shall not be used on oil platforms.
- (vii) Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).
- (viii) Devices shall not be used on automobiles.
- (ix) Devices shall not be used on trains.
- (x) Devices shall not be used on maritime vessels.

Avertissement

- (i) les dispositifs fonctionnant dans la bande 5150-5250 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 de 5250 à 5350 MHz et de 5470 à 5725 MHz doit être conforme à la limite de la p.i.r.e.;
- (iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5725 à 5850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas;
- (iv) Utilisation limitée à l'intérieur seulement.
- (v) *Les appareils ne doivent pas être utilisés pour contrôler ou communiquer avec des systèmes d'aéronefs sans pilote.*
- (vi) *Les appareils ne doivent pas être utilisés sur les plates-formes pétrolières.*
- (vii) *Les appareils ne doivent pas être utilisés sur les avions, à l'exception des points d'accès intérieure à faible puissance, des dispositifs subordonnés intérieurs, des dispositifs clients de faible puissance et des dispositifs de très faible puissance fonctionnant dans la bande 5925-6425 MHz, qui peut être utilisée sur de grands avions tel que défini dans la réglementation de l'aviation canadienne, tout en volant au-dessus de 3 048 mètres (10 000 pieds).*
- (viii) *Les appareils ne doivent pas être utilisés sur les automobiles.*
- (ix) *Les appareils ne doivent pas être utilisés dans les trains.*
- (x) *Les appareils ne doivent pas être utilisés sur les navires maritimes.*

Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27cm (AP37), 27cm (AP36), 27cm (AP36M) between the radiator & your body.

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 27cm (AP37), 27cm (AP36), 27cm (AP36M) de distance entre la source de rayonnement et votre corps.



Hereby, Juniper Networks, Inc. declares that the radio equipment types (AP37, AP36, AP36M) are in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following:

<https://www.mist.com/support/>

The frequency and maximum transmitted Power in EU:

Evaluation Mode	Frequency range (MHz)	EIRP power limit (dBm)
2.4GHz WLAN	2400 – 2483.5	20
5GHz WLAN B1	5150 – 5250	23
5GHz WLAN B2	5250 – 5350	23
5GHz WLAN B3	5470 – 5725	30
5GHz WLAN B4 (EN 300 440 V2.2.1)	5725 – 5825	13.98
6GHz WLAN (EN 303 687)	5945 – 6425	LPI : 23
Bluetooth	2400 – 2483.5	20
IEEE 802.15.4 (Zigbee)	2400 – 2483.5	20

This equipment complies with EU 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.

The product is for use by authorized professionals and in environments where the product has been assessed for safe and compliant operation. The installer is responsible for ensuring that the equipment meets all local safety requirements for the installed location.

For products not certified for use in Hazardous Locations, the equipment is not suitable for use in explosive environments, in the presence of flammable liquids, near explosives, or in areas where blasting is occurring.

The device is restricted to indoor use only when operating in 5150 to 5350 MHz and 5945 to 6425MHz frequency ranges.

	AT	BE	BG	CZ	DK	EE	FR	DE	IS
	IE	IT	EL	ES	CY	LV	LI	LT	LU
	HU	MT	NL	NO	PL	PT	RO	SI	SK
	TR	FI	SE	CH	HR	UK(NI)			



Hereby, Juniper Networks, Inc. declares that the radio equipment types (AP37, AP36, AP36M) are in compliance with Radio Equipment Regulations 2017.
The full text of the UK declaration of conformity is available at the following:
<https://www.mist.com/support/>

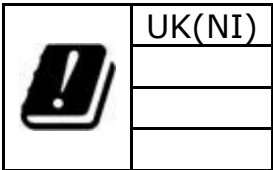
The frequency and maximum transmitted Power in UK:

Evaluation Mode	Frequency range (MHz)	EIRP power limit (dBm)
2.4GHz WLAN	2400 – 2483.5	20
5GHz WLAN B1	5150 – 5250	23
5GHz WLAN B2	5250 – 5350	23
5GHz WLAN B3	5470 – 5725	30
5GHz WLAN B4 (EN 300 440 V2.2.1)	5725 – 5825	23
6GHz WLAN (EN 303 687)	5925 – 6425	LPI : 23.98
Bluetooth	2400 – 2483.5	20
IEEE 802.15.4 (Zigbee)	2400 – 2483.5	20

This equipment complies with UK 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.

The product is for use by authorized professionals and in environments where the product has been assessed for safe and compliant operation. The installer is responsible for ensuring that the equipment meets all local safety requirements for the installed location.
For products not certified for use in Hazardous Locations, the equipment is not suitable for use in explosive environments, in the presence of flammable liquids, near explosives, or in areas where blasting is occurring.

The device is restricted to indoor use only when operating in 5150 to 5350 MHz and 5925 to 6425MHz frequency ranges.



Taiwan

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。應避免影響附近雷達系統之操作。

Morocco

AGREE PAR L'ANRT MAROC	
AP37 -	
Numéro d'agrément:	MR 05756 ANRT 2025
Date d'agrément:	30/10/2025
AP36 -	
Numéro d'agrément:	MR 05754 ANRT 2025
Date d'agrément:	30/10/2025
AP36M -	
Numéro d'agrément:	MR 05755 ANRT 2025
Date d'agrément:	30/10/2025

Paraguay

En Paraguay, este equipo deberá ser configurado para operar con las limitaciones establecidas en la Norma Técnica NTC-RF-5925:2025 de la CONATEL.

Brazil

Este equipamento não tem direito a proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferencias eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar essas interferências.