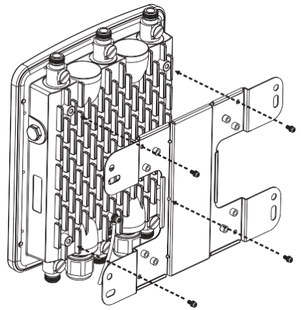
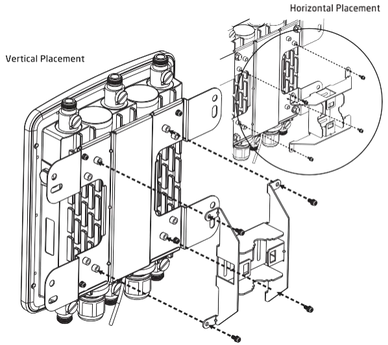
POLE MOUNTING THE AP5R

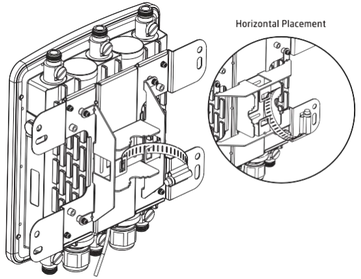
1. Place the lock and flat washers on the four cap screws, and use the screws to attach the bracket to the back of the Access Point.



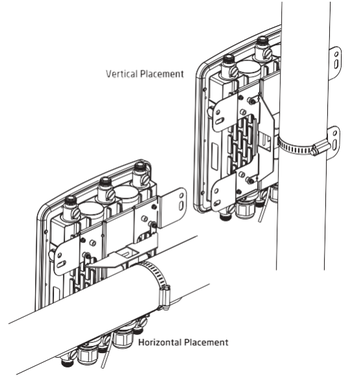
2. Determine placement (horizontal or vertical).
   Use the four round head screws to attach the pole mount bracket .

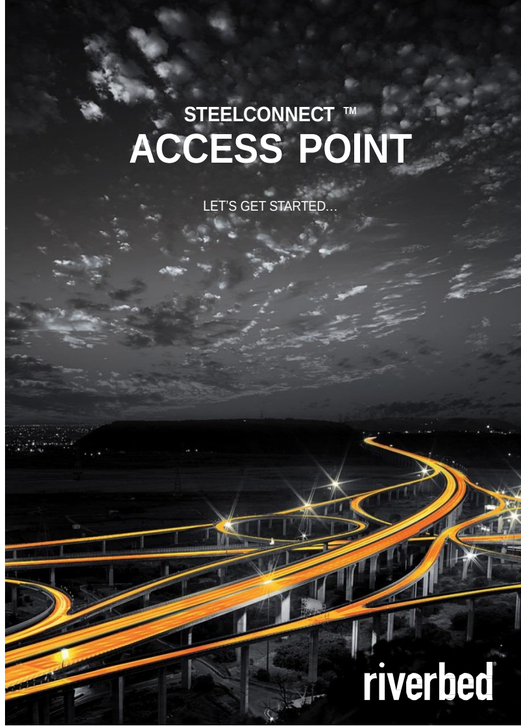


3. Thread the open end of the pole strap through the two tabs on the pole mount bracket.



4. Lock and tighten the pole strap to secure the pole mount bracket to the pole.





1. POSITION THE DEVICE

You can mount the Access Point (AP) to a wall or a pole using the attached mounting kit. Make sure to mount all antennas as indicated on the device (2.4 GHz and 5 GHz). Refer to the instructions on the following pages.

2. CONNECT THE POWER

The AP can only be powered by PoE+ (IEEE 802.3at) through the LAN1 port. Supply power by connecting the LAN1 port either to a PoE+ injector or a PoE+ capable switch port.

3. CONNECT TO THE NETWORK

Connect the AP to your local network. To find a SteelConnect Manager instance, the AP needs Internet access; make sure the network provides a DHCP service so the AP can establish a connection automatically.

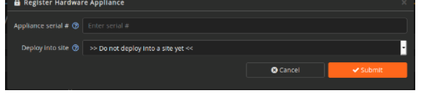
4. Pre-Install Preparation

You should complete the following steps before going on-site to perform an installation.

4.1 Configure Your Network in SteelConnect Manager

Riverbed recommends that you add your AP to a network in Dashboard before mounting it in the field. The following is a brief overview only of the steps required to add an AP to your network. For detailed instructions about creating, configuring and managing Riverbed wireless networks.

1. Login to **http://dodo.oceddo.cc**. If this is your first time, create a new account.
2. Find the network to which you plan to add your nodes or create a new network.
3. Add your nodes to your network. You will need the serial number of each node, which looks like xxx-xxxx-xxxx, and is found on the bottom of the unit.



4.2 Assigning IP Addresses to AP

All gateway AP (AP with Ethernet connections to the LAN) must be assigned routable IP addresses.
These IP addresses can be dynamically assigned via DHCP or statically assigned.

4.2.1 Dynamic Assignment

When using DHCP, the DHCP server should be configured to assign a static IP address for each MAC address
belonging to a Riverbed AP. Other features of the wireless network, such as 802.1X authentication, may rely on the property that the APs have static IP addresses.

4.2.2 Static Assignment

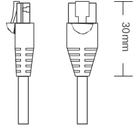
Static IPs are assigned using the local web server on each AP. The following procedure describes how to set the static IP:
1. Using a client machine (e.g., a laptop), connect to the AP either wirelessly (by associating to any SSID broadcast by the AP) or over a wired connection.
If using a wired connection, connect the client machine to the AP either through a PoE switch.
2. Using a web browser on the client machine, access the AP's built-in web server by browsing to **http://dodo.oceddo.cc**
3. Click on the "Static IP Configuration" tab.Configure the static IP address, net mask, gateway IP address and DNS servers that this AP will use on its wired connection.
5. If necessary, reconnect the AP to the LAN.

Need help?
Riverbed Technology | 680 Folsom Street | San Francisco, CA
94107 support@riverbed.com | (415) 247-7381 |
www.riverbed.com
WEEE-Reg.-Nr. DE 36272080

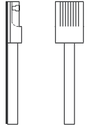
For more information, go to the Riverbed Support website: https://support.riverbed.com

CONNECTOR REQUIREMENTS

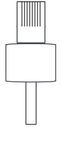
Use CAT5e or higher connectors only.
Make sure the total plug length is 30mm or less.



Remove the bend protection and the catch protection with a cutter if needed. We also suggest removing the catch completely for easy maintenance.



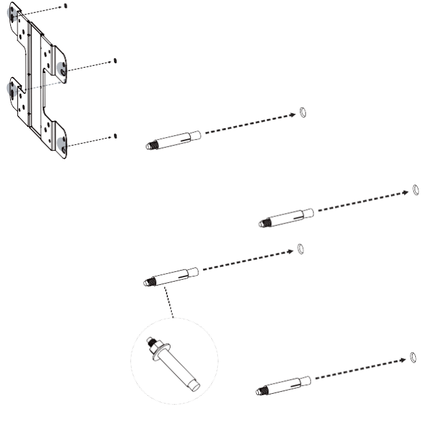
Place the sleeve around the cable and plug the connector into the Access Point. Make sure to pull the screw cap tight.



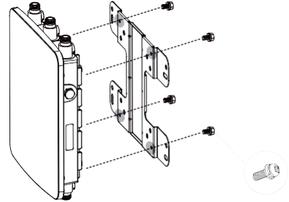
WALL MOUNTING THE AP5r

1. Mark the four locations of the mounting holes on a flat mounting surface.

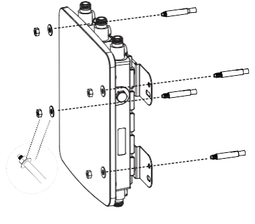
2. Drill holes in the four marked locations. Each hole should be 37 mm (1.46 inch) deep and 8 mm (.31 inch) wide. Hammer the bolts into the openings.



3. Place the lock and flat washers on the four cap screws, and use the screws to attach the bracket to the back of the Access Point.



4. Attach the device to the wall by tightening the bolt's flat washers and nuts to secure the bracket to the mounting surface.



POE RATING

PoE+ Input: 48 VDC, 0.8 A
PSE Output: 54 VDC, 0.3 A

GROUNDING STRAP

Connect one end of the grounding strap to grounding post with included screw and washer. Securely attach it to another nearby metal structure. For equipment intended for installation in a Restricted Access Location, this product can only be accessed by service person.

RESTRICTED ACCESS LOCATION

For equipment intended for installation in a Restricted Access Location, the temperature limit in Table 4C of IEC 60950-1 applies, except for external metal parts that are designed as heatsinks or that have a visible warning, a temperature of 90°C/194°F is permitted.

WARNING HOT
SURFACE DO
NOT TOUCH

TEMPERATURE RANGES

Operating temperature: -20°C - 70°C | 68°F - 158°F
Storage temperature: -30°C - 80°C | 22°F - 176°F

Federal Communication Commission Interference Statement

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

IMPORTANT NOTE:
FCC 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 32cm between the radiator & your body.

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. 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.
Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée 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 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

(iii) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.
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 la bande de 5725 à 5 850 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;

(iii) 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 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 37cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 37 cm de distance entre la source de rayonnement et votre corps.

Professional installation instruction

1. Installation personal
   This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location
   The product shall be installed at a location where the radiating antenna can be kept 32cm (for FCC) / 37cm (for IC) from nearby person in normal operation condition to meet regulatory RF exposure requirement.

3. External antenna
   Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC/IC limit and is prohibited.

4. Installation procedure
   Please refer to user's manual for the detail.

5. Warning
   Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.

Instructions d'installation professionnelle

1. Installation
   Ce produit est destine a un usage specifique et doit etre installe par un personnel qualifie maitrisant les radiofrequences et les regles s'y rapportant. L'installation et les reglages ne doivent pas etre modifies par l'utilisateur final.

2. Emplacement d'installation
   En usage normal, afin de respecter les exigences reglementaires concernant l'exposition aux radiofrequences, ce produit doit etre installe de facon a respecter une distance de 37cm entre l'antenne emettrice et les personnes.

3. Antenn externe.
   Utiliser uniiquement les antennes approuvees par le fabricant. L'utilisation d'autres antennes peut conduire a un niveau de rayonnement essentiel ou non essentiel depassant les niveaux limites definis par IC, ce qui est interdit.

4. Procedure d'installation
   Consulter le manuel d'utilisation.

5. Avertissement
   Choisir avec soin la position d'installation et s'assurer que la puissance de sortie ne depasse pas les limites en vigueur. La violation de cette regle peut conduire a de serieuses penalites federales.