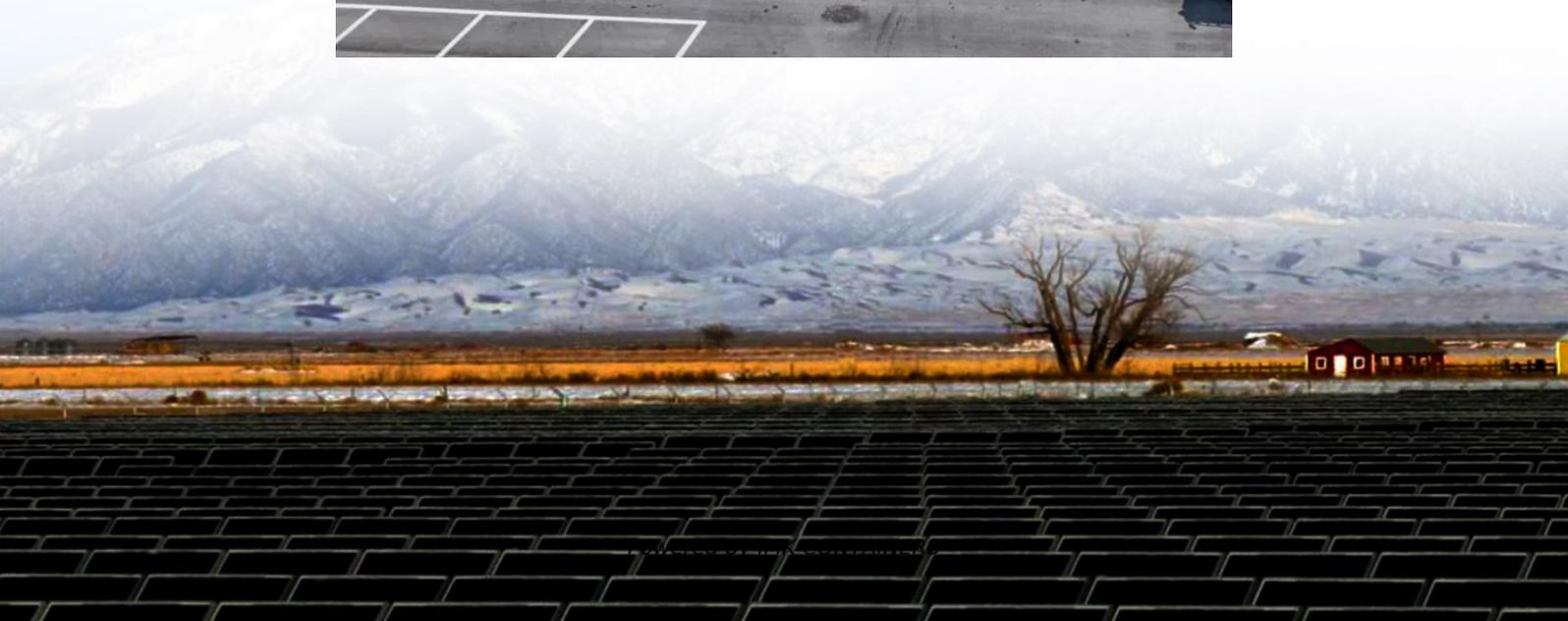


# Difficulties in installing outdoor wireless base stations





## Overview

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How difficult is outdoor access point installation?

While outdoor access point installation is generally manageable, it does come with its set of challenges. Here is a summary of the most common issues encountered during installation: **Lack of Power Supply:** One of the main difficulties in outdoor deployments is ensuring a reliable power source.

Why is my outdoor access point not working?

**Water Ingress:** Water infiltration is another common issue in outdoor access point installation. Rainwater can severely disrupt a network if moisture enters the connection between the access point and the Ethernet cable. Many access points are not designed to withstand harsh weather, making extra protection necessary to ensure proper operation.

Do you need an outdoor access point?

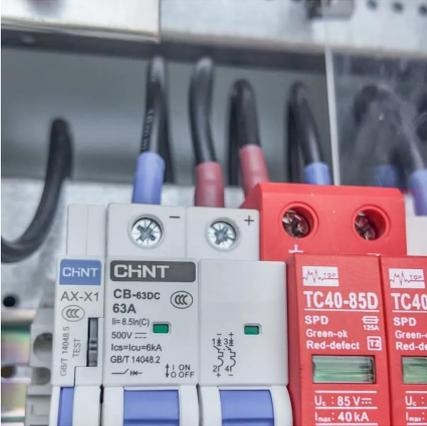
For outdoor deployments, an access point that is fully against dust and water ingress is needed. To survive the harsh environment outdoors, the access points must support an IP rating of IP65 or more, or irreversible damages might arouse due to water penetration.

What are outdoor WiFi access points?

Outdoor WiFi access points, also known as a wireless distribution system (WDS), PTP (point-to-point) bridge, and PTMP (point-to-multi-point) bridge, are commonly used to connect two or more locations together. They are often incorporated into networked surveillance solutions, or for entrance and gate access controls.



## Difficulties in installing outdoor wireless base stations



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This comprehensive guide covers the step-by-step process for outdoor access point installation to provide reliable network coverage in open areas such as campuses or parks.

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Installing WiFi outdoor access point systems will also require specific physical mounting configurations in order to facilitate a reliable, long-distance wireless point-to-point or point-to-multi-point connection.



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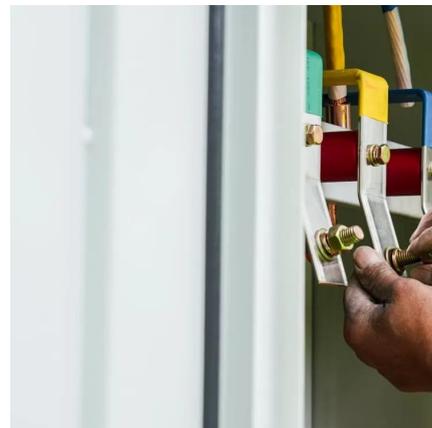


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Top 3 Problems When Deploying Access Points Outdoors Installing outdoor access points is not that challenging, but it's not without its difficulties. Here, we've summarized the ...

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## Mounting Options for Wired & Wireless Base Stations: Installation ...

The device should be installed in a cool, dry, and dust-free environment, avoiding direct sunlight and exposure to weather conditions. Advanced (wired) base stations support ...

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## Video Series: Best Practices for Installing Outdoor Wireless ...

This video series outlines the various best practices to be followed and common pitfalls to be avoided while installing outdoor wireless access points.

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