

SolarGrid Energy Solutions

Wireless outdoor AP base station installation





Overview

Where should APS be installed?

Install the AP in an area where structures, trees, or hills do not obstruct radio signals to and from the AP. We recommend that you install the AP no higher than 40 feet to support the wireless clients on the ground. Mounting all the APs at the same height provides the best throughput.

How do I ground an access point?

Proceed to Grounding the Access Point. The optional pivoting mounting kit AIR-MNT-ART1= contains a pivoting mounting bracket for both wall and pole mounting. This kit allows for adjusting the position of the AP by pivoting the AP along its vertical plane. You can also, using this kit, mount the AP to a ceiling in a horizontal plane.

How high should a wireless AP be installed?

We recommend that you install the AP no higher than 40 feet to support the wireless clients on the ground. Mounting all the APs at the same height provides the best throughput. If the SFP port is not in use, the port plug should remain in place and must be tightened to 12.5 lbf-in torque.

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.

How do I install an access point?

Identify the components needed for the installation, see the Typical Access Point Installation Components. Connect a CAT5e or better Ethernet cable from your wired LAN network to the power injector. To reduce the risk of fire, use only No. 24 AWG or larger telecommunication line cord. Statement 1023.



Should APS be mounted on a pole?

Pole mounting is a good option when installing the APs away from the buildings, which is more common in a wireless mesh system where no cables need to be pulled to each location. It's ideal for providing a 360° overall coverage for your premises, but if the access point is mounted too close to the pole, the RF will be severely attenuated.



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outdoor-or-indoor - Altai Technologies

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..



Step-by-Step Outdoor Access Point Installation ...

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CW9163E Installation Guide

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Quick Installation Guide

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Access Point Outdoor Mounting Kit Quick Setup Guide (902 ...

The T310n is a dual-band 802.11ac Wave 2 outdoor AP which includes a narrow (30 degree) internal antenna, enabling a focused beam. This is critical in deployments like stadiums, where ...

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

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ENH500-AX , EnStation 6 ENH500-AX Device*2 Waterproof*2





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G1 is the world-s first instance of nextgeneration FWA, powered by a number of industry firsts in radio network performance, interference cancellation, and cloud-based automation. 3.65 GHz

Best Outdoor Wireless Access Points: Buyer's Guide

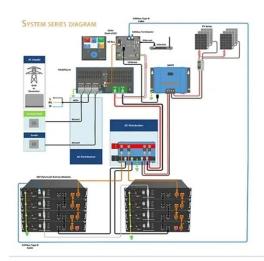
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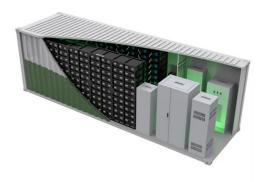


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