



Simple power network base station installation

How do I power a RTK base station?

To power the base station from a power bank or PC. RTK base station has an SMA connector to connect an antenna. RTK base station does not include, but requires a good quality GPS/GNSS antenna. RTK base station supports full L1/L2/L5 bands.

Can I install a base station CB system in my home?

Yes, but with limitations. Consider indoor antennas, magnetic balcony mounts, or window feedthrough antennas. Always check lease agreements and be respectful of neighbors regarding interference. Setting up a base station CB system opens a world of communication possibilities far beyond what mobile installations offer.

Do base stations need a power supply?

Power Requirements: Base stations operate on 120V AC power rather than 12V DC, requiring either built-in power supplies or separate AC-to-DC converters. **Size and Ergonomics:** Designed for desktop use, these radios feature full-size controls, making operation more comfortable during extended sessions.

How do I configure a Septentrio base station?

Open a browser and type in 192.168.3.1, the Septentrio web interface appears, that you can both configure and monitor the receiver. (Note: 192.168.3.1 is not the IP of the base station, it's only a virtual website over USB connection). You will learn how to activate and check your base station's IP address in the later section.

How do I connect the RTK base station to my PC?

Connect the antenna to your receiver. Put the antenna in completely open air for testing functionality. Connect the RTK base station to your PC with a USB to USB-C cable. The first time you connect the RTK Base Station to a new PC, you will only see a new hard disk on your computer. Open the disk and manually install the Septentrio drivers.

How much does a base station CB cost?

HOA and Zoning: Check local regulations and homeowner association rules before installing visible antennas. **How much does a complete base station CB setup cost?** Basic setups start around \$300-500, including radio, antenna, coax, and power supply. Mid-range systems run \$500-1000, while premium installations can exceed \$2000.

There may be a point where you will need to transfer your system and service to a new or different Base Station, such as replacing a faulty Base Station or transferring to a new Base Station ...



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Web: <https://edukacja-aktywna.pl>

