

Did HiveRadar make The World's Best Wireless Site Survey Kit?



Determining if the Wireless Site Survey kit is the best value for your money is a decision only you can make. Personally, I invest a great deal of passion in conducting wireless site surveys. A site survey without the right tools is possible but takes twice the time and energy.

Why did We opt for the HiveRadar WSSK v3?

Well, there's a bit of history to this. I obtained the initial Hive Radar WSSK kit (v1) five years ago... At that time it was a significant improvement from a self-made pole. The self-made pole had no built-in battery or a separate one hanging on the pole. No, just find a wall outlet and insert a Power Injector in between. Moving it was a pain... stability? Don't even try touching it! Witness the handmade pole in action:



The stability of v1 kit was kind of okay when ensured by using heavy weights inside the case (like a Heavy AP). Additionally, when changing spots, I always needed to lower the access point (AP) to hold it while moving, as the angle with the wheels on the case alone would cause it to fall off. Is this a significant issue? No, it's already better than having no wheels at all!

However, HiveRadar, attentive to customer feedback, invested more in engineering and introduced the WSSK v3 Kit! The best Kit in the world?

I was looking for a new kit because nowadays, modern offices often have tall ceilings, up to 3 meters high. I needed more stability and a

faster way to move from spot to spot for my APoS (AP on Stick) Survey, also known as a Pre-Deployment AP-On-A-Stick (APoS) Surveys. Newly constructed educational facilities also tend to have higher ceilings... For instance, in the Wageningen University & Research building, the ceilings are much higher. The reason behind this is to improve learning—although I'm not sure about that... I do know that a higher ceiling can contribute to a sense of spaciousness, making a space feel larger and more open. It also enhances air circulation and ventilation. For example, in the Wageningen University & Research - Aurora building, where I conducted the [wireless site survey](#), the ceilings were 4.5 meters high.



Wageningen University & Research - Aurora Laboratory

Now, with the Hive Radar WSSK v3, I can extend the pole height to 3.6 meters, and with the extension pole, I can reach up to 5 meters! For education settings with ceilings up to 4.5 meters and modern offices

without suspended ceilings up to 3 meters, the WSSK v3 + extension pole can handle them all! There are 3 polls inside this kit if your office is only 2.4 meter high. Just use 2 polls instead of three.

What I highly recommend for anyone opting for this kit is the castering wheels that can be attached with a smooth click to the stabilizer wheels. This way, you don't have to remove the stabilizer feet every time or lower the pole to prevent your access point (AP) from sliding

off when tilted. Most of my customers have spacious offices with a lot of walking, and now I don't need to break down the setup, saving me at least 5 minutes per AP.



We prefer to conduct wireless site surveys in the 802.11ax way, focusing on high efficiency. It's not that I want to rush through the surveys, but rather that I can invest more time in observing details in the environment, resulting in a higher quality wireless site survey, thanks to the all-in-one WSSK V3 kit and its castoring wheels. Now, what do I mean by quality? In my opinion, a good wireless site survey involves collecting a significant amount of accurate data. If I can spend less time fumbling with my tools, we can deliver better quality at the end of the day.

The built-in battery is awesome! You can run the whole day without powering it off. The battery is replaceable, it's 12 volts and 100 watt-hours per battery, so I can carry it on the plane as hand luggage

without a problem. If you have a cloud-enabled AP, you can attach a 5G router to the second UTP port, and your client STA and the AP can connect to the internet.

Unlike other Site Survey Kits out there, this kit has four major advantages:

1. Crafted from lightweight and unbreakable carbon fiber, the pole ensures effortless portability and durability.
2. The integrated battery housed within the case facilitates convenient transportation while safeguarding it against dust and environmental fluctuations.
3. Seamlessly integrate the pole with the box to ensure that the casket is never detached, streamlining the carrying process.
4. Elevate the APoS to Transformer status with casketed wheels beneath the stabilizer feet, offering unmatched on-site mobility.

The AP mount features a versatile GoPro/Camera mount on top, catering to the needs of the tech-savvy flog generation? Personally, I find it invaluable, but it's interesting to use it for precise site-to-site laser measurements.

I think these five advantages, makes the WSSK v3 the best kit on the market today to conduct Pre-Deployment Wireless Site Surveys with.

Andy Stevens – Owner at MetaWiFi