

“Taoglas has an excellent market reputation but one of the things that appealed to me most was the simplicity of the website. With the Taoglas antenna builder we could easily build our custom antennas and RF cable assemblies just the way we wanted them and the turnaround for proof of concept was exceptionally quick!”

Victor Gaillot
Electronic Design Engineer, Zoov



Taoglas helps Zoov quickly build reliable customised e-mobility solutions

About Zoov

Zoov is the technological benchmark when it comes to self-service electric bikes in Europe, thanks to smart, effective, sturdy electric bikes, as well as a compact, economical parking and charging infrastructure. Zoov allows cities and operators to incorporate their electric bikes into their mobility solutions, or to enhance their existing service thanks to its IoT technology and fleet management tools.

The Challenge

Connectivity is the cornerstone of electric bike solutions. Wi-Fi and cellular technology means riders are more connected than ever before. To ensure their electric bikes stay truly connected, with reliable real-time knowledge, Zoov requires high-performance Wi-Fi and cellular antennas. Additionally, with stations and bikes set up across Paris, Bordeaux and plans to expand its model across many other cities across France, Zoov has designed its bikes to adhere to the most rigorous standards of comfort and safety. High performance hardware requires robust but lightweight antennas that are sturdy enough to handle a wide range of environmental conditions.

The Solution

Zoov chose Taoglas' Ultima II G35, a permanent mount antenna designed for wideband cellular use and the Ultima MA530 Wi-Fi MIMO external antenna. Both antennas are super low-profile and durable - expertly designed to withstand the test of time in an urban environment. They're heavy duty, fully IP67 waterproof and there are no external metal parts that may corrode.



Ultima II G35



The Outcome:

Speaking about his experience with Taoglas, Victor Gaillot, Electronic Design Engineer, Zoov said, “From our first contact Taoglas made it really easy for us. The Taoglas team was highly responsive to our requests and because of this, I was able to test and fit everything into a tight schedule.”

Commenting on Taoglas' Cable Connector Division team Gearoid Byrne, EMEA Warehouse and CCD Supervisor said, “Taoglas' online Cable Connector Division team prides itself in serving our customer-specific needs with speed and accuracy. We want to remove the complexity, the potential for errors and lengthy process from ordering custom antennas and RF cable assemblies. So, with the Taoglas antenna and cable builders, you have the freedom to build your custom antennas and RF cable assemblies the way you want, and our team will dispatch the very same day! We're delighted that we could help Zoov fit everything into their schedule. It's great to see the project come to fruition.”

