

Mission Impossible

Many happy USB-Yagi TurboTenna stopped cherishing the power of this antenna brought to their Macbook the day an operating system upgrade was made. It happened when OS X 10.10 Yosemite debuted and subsequently the driver had no joy working with 10.11 El Capitan and 10.12 Sierra.

Our customers, joined by many other users of our competitors, were carving for the new "driver" that unfortunately didn't exist.

There's been negative product reviews even though we didn't oversell the compatibility of a new operating system beyond what we claimed. On the other hand, we understood their rage and expectation that something must be done to put the uncertainty to an end.

We shouldered the blame that we felt as burning as they did. But the development of the new "driver" required proprietary information that we simply didn't have.

The driver is a piece of software installed on the computer that works with a hardware over a USB port. Without the driver, we couldn't assume that the antenna continued working with the computer over a physical cable connection. While our competitors were busily churning out patch drivers that proved to be a job half way done, we asked ourselves to think outside the box that what if we eliminated the cable once and for all.



What if we terminated the antenna at a credit card sized computer box and established its own WiFi hotspot over which the Internet access was shared with the Macbook? Some potential buyers had been asking how to connect a high-power antenna to their phones and tablets. What if we made the hotspot work with other Windows 10, Apple computers and handheld devices simultaneously? What if the box became a firewall that separated local computers from those of the remote network? What if the box could get multiple gadgets online under a solo hotel WiFi access account?

To do this, the compact computer must supply sufficient DC current to power the USB-Yagi TurboTenna to maximize its long-range capability. Secondly the CPU must be fast enough to exchange data packets with negligible latency. Thirdly the computer must obtain power from popular charger or USB power bank to be used on the road. And fourthly, the app we developed must be easy to scan and connect to the remote WiFi networks and a user could change the name and secured password of the WiFi hotspot.

Finally, the mission of the Catch n Share Repeater has solved the MAC "driver" problem plus new capabilities, and the rest is history.