

Forum:[Hack Forums](#)

Thread: [Yagi Tripod Antenna, 100MW Amp & AWUS036H](#)

TxRx - April 23, 2019, 11:48 am

Hey guys, I wanted to show you my custom antenna hoping it could give anyone who is looking to make something like this some ideas here's what I used for it:

- cheap aluminum adjustable 60" tripod (any cheap DSLR one will do. Make sure it has a threaded hole to mount the camera)
- Hyperlink HG2415Y 14.5 dbi yagi antenna
- Lens Tripod Collar Mount Ring for Nikon AF-S 80-200mm f/2.8D
- Hyperlink HA2401-AGC100C 100mw Amp
- Coaxial pigtails N Male to N Male (x2)
- Coaxial pigtail N Male to RP-SMA Female
- Alfa AWUS036H
Optional
- Green Laser (for pointing signal direction) :p

It performs amazingly, especially for recon, sniffing and attacks, considering it's in a "closed quarters" environment. I haven't tested it on a "free line of sight" scenario. To get a mount that would fit the yagi, I had to measure the diameter and compare it to camera mounts and the diameter of their lens. I found the Nikon one to be an almost perfect fit, the missing 2mm of space I just filled it up with bubble wrap which also protects the antenna housing from scratching with the mount.

Here's a scan on airodump using the AWUS036H without the amp, just the yagi and the alfa in monitor mode

Here's another scan with the AWUS036H using the amp

Hope you guys liked it!!!

Katana666 - April 23, 2019, 12:46 pm

if the FBI ever kicks your door in they'll be happy to see that lmao and you'll have to explain what it is to them :/

TxRx - April 23, 2019, 12:55 pm

(Apr 23, 2019 12:46 PM)Katana666 Wrote: [\[CITE\]](#) if the FBI ever kicks your door in they'll be happy to see that lmao and you'll have to explain what it is to them :/

Well, hacking wouldnt be fun without the thrill, would it? :p

4um123 - April 23, 2019, 1:11 pm

looks like a gernade launcher rofl

Katana666 - April 23, 2019, 1:13 pm

(Apr 23, 2019 12:55 PM)TxRx Wrote: [\[CITE\]](#) Well, hacking wouldnt be fun without the thrill, would it? :p

now that's the spirit :))

TxRx - April 23, 2019, 1:24 pm

(Apr 23, 2019 01:11 PM)4um123 Wrote: [\[CITE\]](#) looks like a gernade launcher rofl
Lmao

Rogers Communications - April 23, 2019, 2:59 pm

those pre-amps really just increase the noise.. yeah looks good on signal but the quality of signal hasn't changed

TxRx - April 23, 2019, 7:56 pm

(Apr 23, 2019 02:59 PM)wpginterceptor Wrote: [\[CITE\]](#) those pre-amps really just increase the noise.. yeah looks good on signal but the quality of signal hasn't changed

I dont really use the amp when browsing, only for attacking with reaver and yeah, ive noticed it gives me lag sometimes when downloading files using the amp. I switch between my AWUS036H w/amp when im attacking or my tp link WN722N when im browsing.

I've had a lot of success with the amp when using reaver. I noticed before, i used to get a lot of timeout errors. So far i've cracked 16 networks lol. I still have some ralink/realtek routers around vulnerable to pixiewps.

reconrider88 - April 24, 2019, 5:26 am

those myspectrum would be a good start

Null - April 28, 2019, 5:15 am

just wondering how far is the scope for that setup?
this is just so pretty <333

SIM-3257834 - April 28, 2019, 5:41 am

Damn didn't know people still used WPA in 2019.

TxRx - April 28, 2019, 5:56 am

(Apr 28, 2019 05:41 AM)YouTube Wrote: [\[CITE\]](#) Damn didn't know people still used WPA in 2019. Funny thing is, his password was soooooo weak lol. It was "pokemon150"

He's using a WRT54G lol

(Apr 28, 2019 05:15 AM)Null Wrote: [\[CITE\]](#) just wondering how far is the scope for that setup? this is just so pretty <333

Well, i havent been able to test it in a "no obstructions" scenario. I got it pointing out from a window, which on the front has a bunch of trees and on the other side is where the next apartment building is, so i'd say it gets about a mile with obstructions, pretty steady signal considering all that has to go through. I use the amp when sniffing and running reaver to give it a boost

I recently got a raspberry pi and prepped it with kali pi, so pretty soon i'll do some "surveying" around where i live and see how far the yagi reach lol

Yac1ne - April 28, 2019, 7:55 am

Well i'll be damned !!! what's the maximum range of that thing ?

saklapbhe - April 28, 2019, 10:04 am

mines was alfa awus036nh and a 3d printed biquadyagi found on thingiverse, and its good around 100meters with tress and some walls but have a line of sight

mobileshaun - April 29, 2019, 6:35 pm

Awesome setup!!
25 char limit

1500MetersDown - June 21, 2019, 1:02 pm

Yeah this is really legit. I've been wanting to do something like this for a while.

I've played with reaver and pixie dust on the networks near me, but have yet to get any positive results.

Mad76e. - June 21, 2019, 1:23 pm

(Apr 28, 2019 05:56 AM)TxRx Wrote: [\[CITE\]](#)
Is that the RPI 2B or RPI 3B?
Which screen do you use?

markdoom2014 - July 4, 2019, 4:28 am

it will be great if you make several ones and you sell them

Super - July 5, 2019, 10:13 pm

What an absolute beauty. What kind of range do you get with that 14.5 dBi Yagi?

Mad76e. - July 6, 2019, 2:37 am

Is it really a Yagi inside that tube? It looks more that my advanced antenna

Krilill - July 22, 2019, 7:10 pm

Cool.

U gonna use something like fluxion on RPI?