

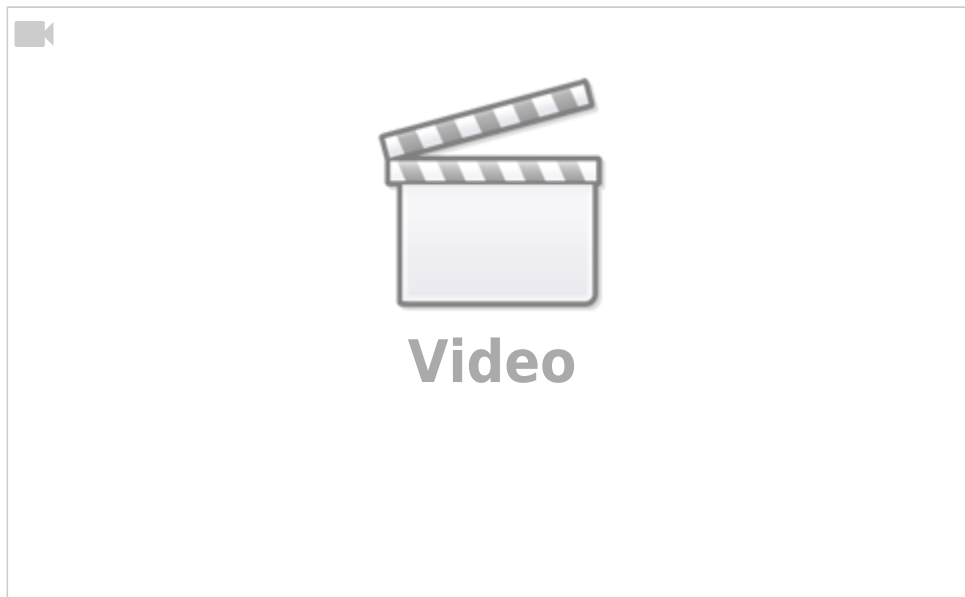
# John VE7JEY

I started to watch the developments of the Nanaimo HAMs working with AREDN equipment and remembered I had a MikroTik hAP, which I had spent many hours trying to make work as a regular router, with little success. I had seen a video of setting up a hAP with AREDN, showing the exact same 741 hAP, so I decided to give it a try (many, many tries) - every time I saw a new clue, I would try again - no chance, even using old software. Anyway, several of the MIRA (Mid Island) members had bought 752 versions by then, and were also having trouble, so I borrowed one and gave it a go - it went well and worked first time. However, the second time it didn't go well and I noted that the tutorial videos didn't really explain the timing of events very well, so I decided to record a setup. Each attempt raised different issues. So, I ended up with a few recordings, but by that time I had given the hAPs back to their owners. I pieced together a couple of walk-throughs, and you can check them out below.

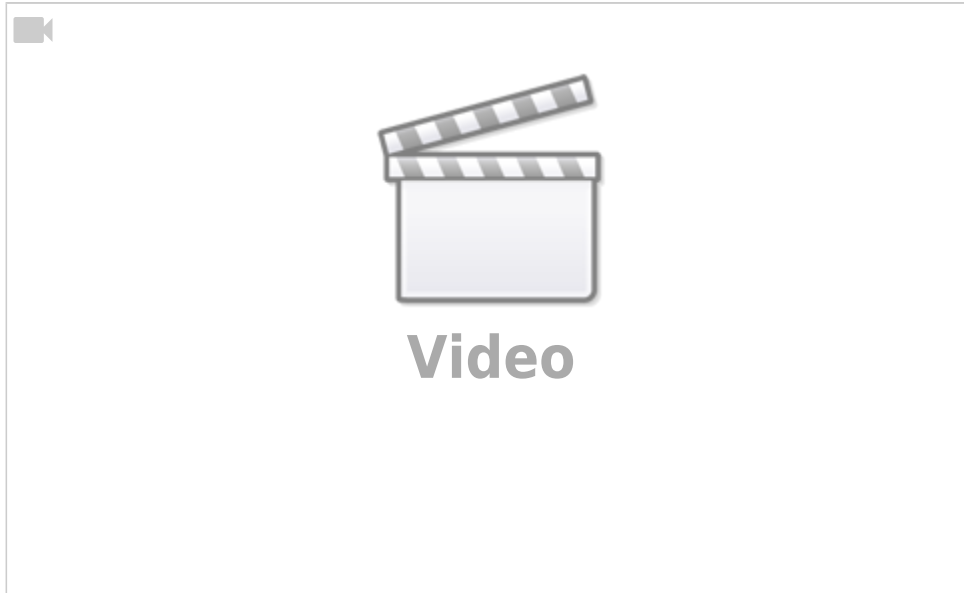
As I live in the middle of Qualicum Beach, surrounded by buildings and trees, and in a strata complex, I'm not likely to get access to an RF Mesh directly from home, so I bought the cheapest useful looking router (GL AR150) to make a mobile option. I made a video of the flashing of that and of the development of my mobile setup, with R-Pi and the 741 hAP as a switch.

Any feedback on the videos will be appreciated. Thanks ...

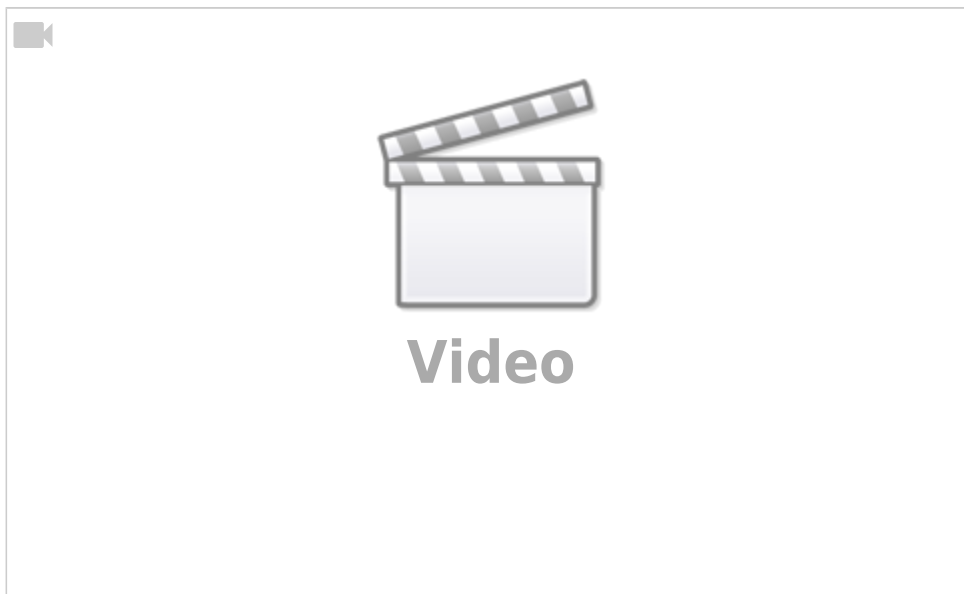
Setup the GL iNet AR150



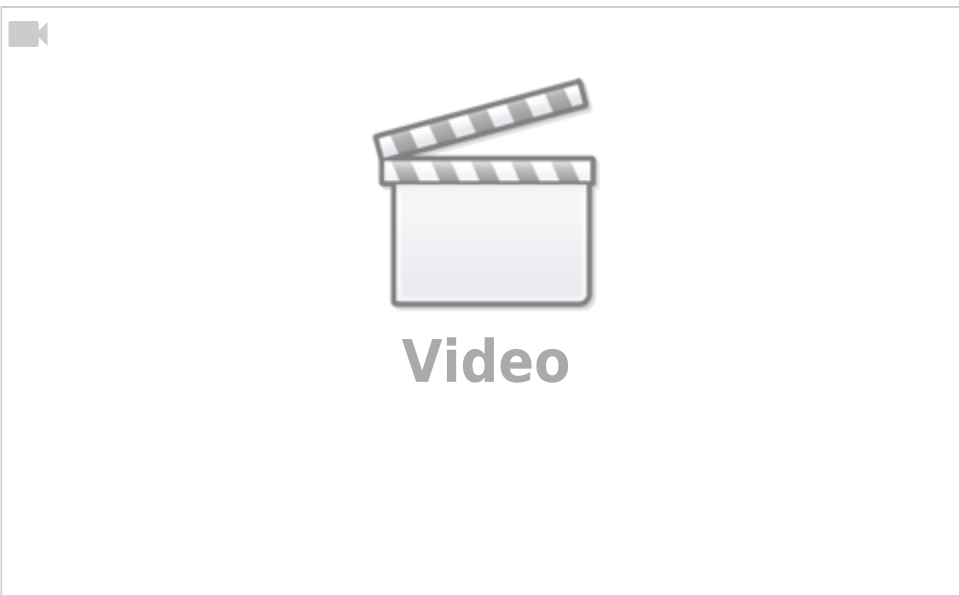
Setup the GL iNet AR150 (if you have issues with network IP addresses)



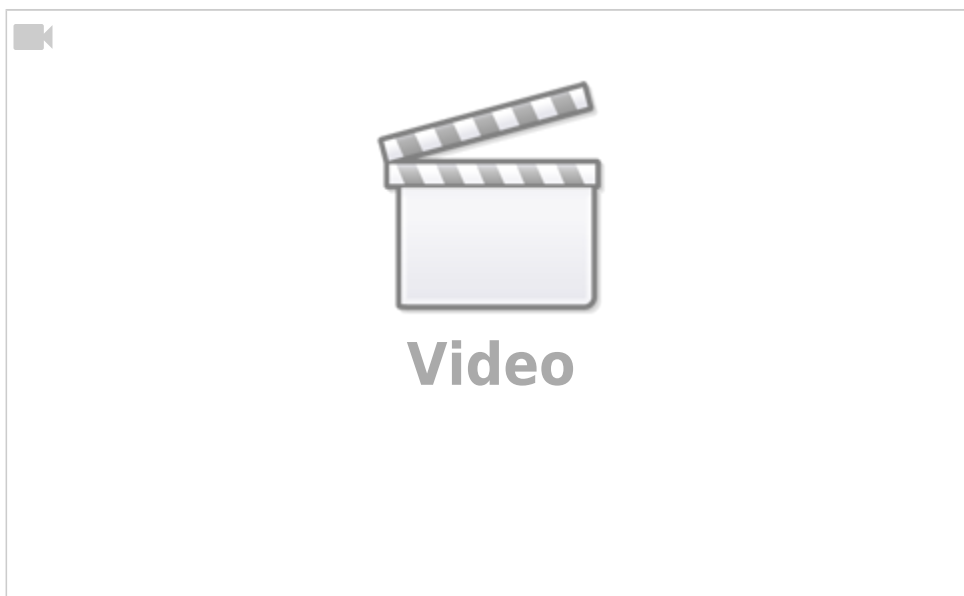
Setup the MikroTik hAP - Get the necessary files



Setup the MikroTik hAP - Flash the Firmware - use the files you downloaded



Connect the MikroTik hAP to the GL AR150 - setup a Mesh



Go Mobile - my TV, R-Pi, hAP 741 and GL AR150, plus a couple of voltage regulators



Video

Thanks for watching!

From:

<https://wcaredn.ca/> - **West Coast  
AREDN**

Permanent link:

<https://wcaredn.ca/setups/ve7jey/home>

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