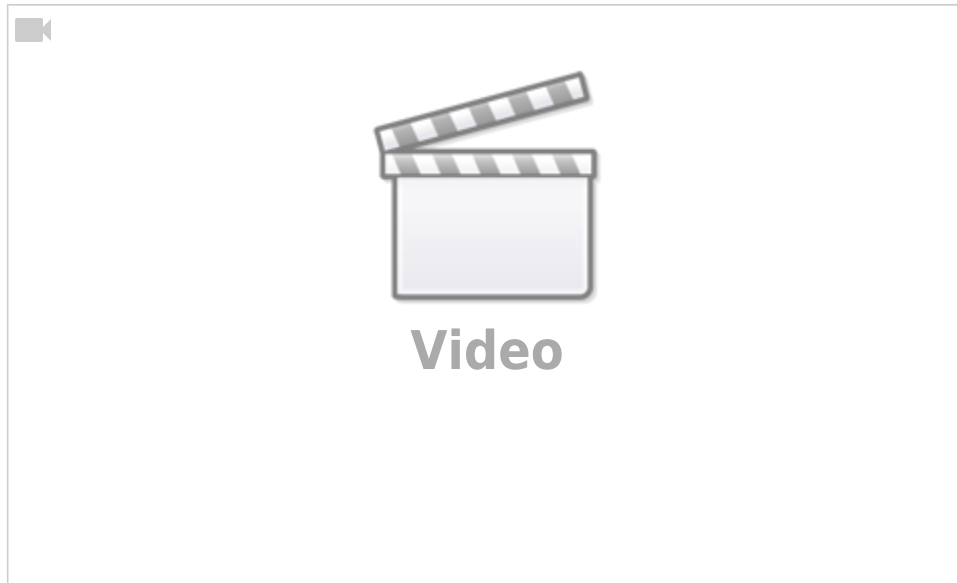


DigiPi Hotspot

This is a really cool project, that might be of interest, it has Winlink capability too, also can run it on a PiZero 2W.

<https://digipi.org/>



DigiPi is an easy-to-use amateur radio data transceiver hotspot for Raspberry Pi. All radio data modes are easily accessible over wifi via your phone or web browser. Make FT8, JS8Call, APRS and packet modes work like any other mobile phone app.

APRS WebChat interface

- Send instant messages over the APRS packet network via your web browser

APRS Packet Radio Network digipeater

- Repeat packets heard on 144.390 and 144.800(europe)

APRS Packet Radio network IGate

- Bridge APRS Network to the Internet for email, sms, and other online services

APRS Map/Dashboard

- Real-time animated tactical map of local APRS objects and traffic

Winlink email server

- Listen for Winlink radio clients requesting to send/recieve email

Winlink email client

- Pat, web-based inbox/outbox email interface ARDOP sound modem to connect to winlink servers world-wide on HF bands

- Woad Winlink Android app connects to DigiPi via wireless TNC/KISS interface

WSJTX FT8

- Ultra low signal-to-noise ratio contacts via web-browser/wifi/phone

JS8 Call

- Ultra low signal-to-noise ratio keyboard-to-keyboard via web-browser/wifi/phone

FLDigi

- CW, PSK31, RTTY, Contessa, FSQ, Hell, IFKP, MFSK MT63, Olivia, PSK, QPSK, 8PSK, PSKR, THOR, Throb, WeatherFax

Slow Scan TV

- Send/receive images via web-browser/wifi/phone

AX.25 Networking

- Radio connected network protocol used for winlink/node services
- IP tunnel, with actual address on the internet (44.* for amateur radio)

Node Services

- Run your own bulletin board, or messaging service
- Connect to other nodes, via intermediate nodes

Node Services

- Web-based bluetooth pairing for phone/tablet