

QO-100 Web SDR for Linux

various tips

SSB-SDR and DATV-SDR on the same computer

Both WebSDRs can run simultaneously on the same computer, if two SDRs are connected. So e.g. a RTL-SDR stick for SSB and a Pluto for DATV.

To do this, first install SSB WebSDR as described in the installation instructions. Then the directory must be renamed:

```
mv QO-100_SSB-WebSDR_DATV-WebSpectrum QO-100_SSB-WebSDR_SSB-WebSpectrum
```

Now just run the installation a second time, this time creating one of the wideband SDRs as described in the installation.

The following scripts are recommended to start the SDRs:

```
cd /home/pi/QO-100_SSB-WebSDR_SSB-WebSpectrum
./qo100websdr >/dev/null 2>&1 &
```

```
cd /home/pi/QO-100_SSB-WebSDR_DATV-WebSpectrum
./qo100websdr >/dev/null 2>&1 &
```

If you let these two scripts run automatically right after booting, both WebSDRs will start by themselves.

Shares for access from the Internet

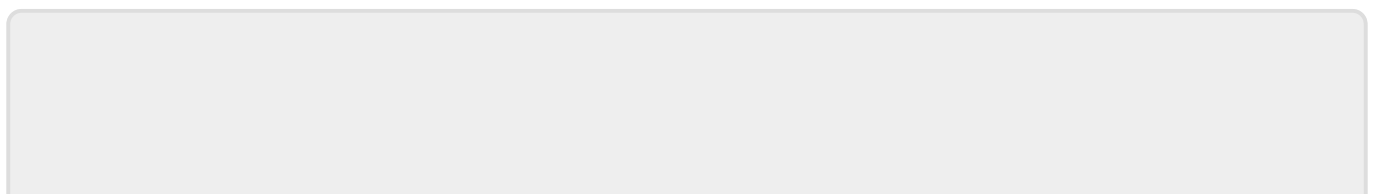
Any access from the Internet to the home network requires port sharing in the router (Fritzbox, Speedport, etc.). The QO100 WebSDR uses the following ports:

80 ... User interface

8090 ... Spectrum and audio data of the Narrow Band SSB transponder.

8091 ... Spectrum data of the Wide Band DATV transponder

So at least 2 ports have to be released and redirected to the used computer, namely port 80 and one of the data ports (or both).



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Last update: **2021/12/12 12:09**

