

Instructions for the image

„DV4mini_RPI_Autostart_VNC-09122020.img“

This image is intended for use with the DV4mini-Stick. It already contains the preinstalled software and also an access possibility to make settings with the help of a VNC viewer from an external PC or smartphone.

The image is configured so that the software for the DV4mini starts automatically as soon as the RaspberryPi is booted. There is a delay of 20 seconds to start the program for a secure Internet connection.

The internet connection is possible either via WiFi or Ethernet.

Recommended components:

- RaspberryPi 3B, 3B+, 4B (2B and 2B+ not longer supportet, to weak)
- Onboard WLAN
- 8 GB mikro-SD Card (class 6 or higher)

Recommended software:

- Win32diskimager (<http://sourceforge.net/projects/win32diskimager>)
- VNC-Viewer (<https://www.realvnc.com/download/viewer>)
- Putty (<http://www.putty.org>)

Settings for Wlan:

The WLAN is configured in a file. This can be found on the RaspberryPi under `/etc/wpa_supplicant/wpa_supplicant.conf`.



Deutscher Amateur-Radio-Club e.V.
Bundesverband für Amateurfunk in Deutschland

A23 - Ortsverband
„Alte Grafschaft Wertheim“



However, after writing this image to an SD card, it is possible to customize this file using a Windows PC.

For this purpose, the SD card remains in the appropriate reader and you look for the drive of the SD card with the name "boot". There you will find the file "wpa_supplicant.conf" BEFORE the first boot of the RaspberryPi. Please open this file with an editor and make the WLAN configuration according to the examples.

Then plug the card into the Raspberry Pi and boot. The RaspberryPi should be accessible after about 2 minutes via Wi-Fi.

More information about wpa_supplicant.conf can be found on the Internet.

Used passwords and users:

SSH / text input:

- user: pi
- password: raspberry

Superuser:

- user: root
- password: raspberry

X11VNC:

- user: pi
- password: raspberry

Have fun with the image.

Vy 73 de Peter (DG9FFM)

The use of the image is at your own risk. I assume no liability for damages of any kind, which arise through the use of the image.