Setup of the virtual M.1K2

The Virtual M.1K2 allows you to test all the features of the control software without the actual hardware. It runs inside a virtual machine simulating a standard PC and can be accessed by any browser on your host system, just as the 'real' device.
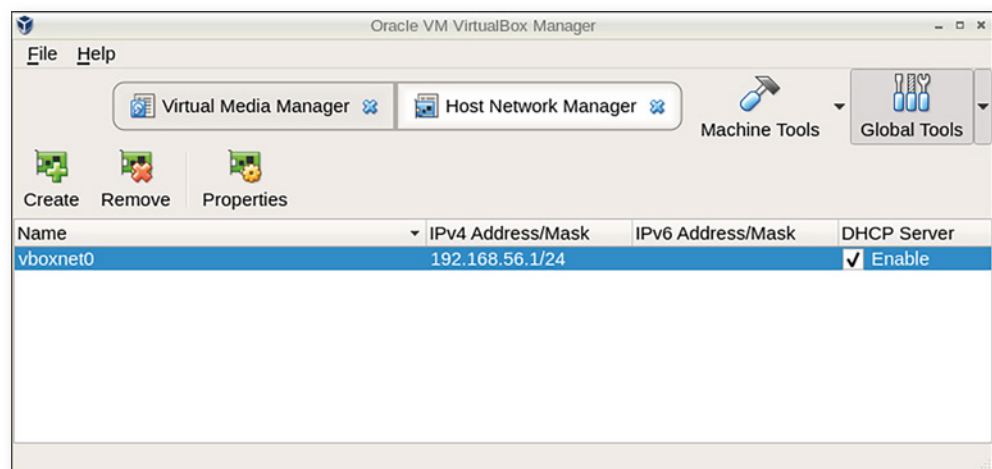
Preparations

You need to install VirtualBox on your device.
Download it from https://www.virtualbox.org/wiki/Downloads
and follow the instructions for your system.

Configuring VirtualBox

In order to be accessible by a fixed IP address, you need to set up a virtual network card in VirtualBox:

1. Start VirtualBox

2. Click on the 'Global Tools' button to open the 'Host Network Manager' panel.

3. Click on 'Create' to create a new virtual network card.

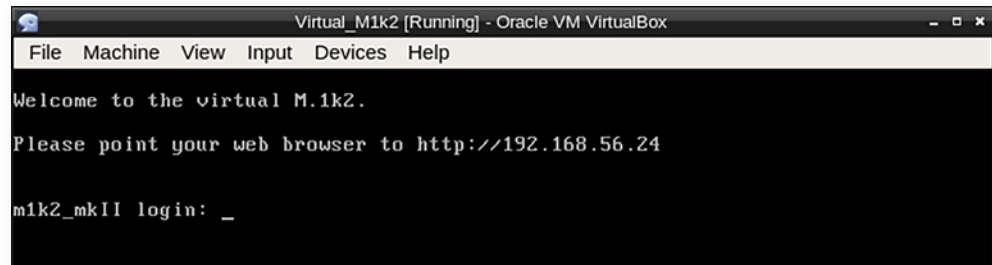4. Verify that it has the IPv4 address 192.168.56.1/24 and is enabled.

Adding the Virtual M.1K2

Now we are ready to add the virtual machine.

1. Click on 'machine tools' to get to the list of virtual machines.

2. Select the entry 'Add' from the 'Machine' menu

3. Point the file requester to the .vbox file inside the Virtual_M1K2 folder
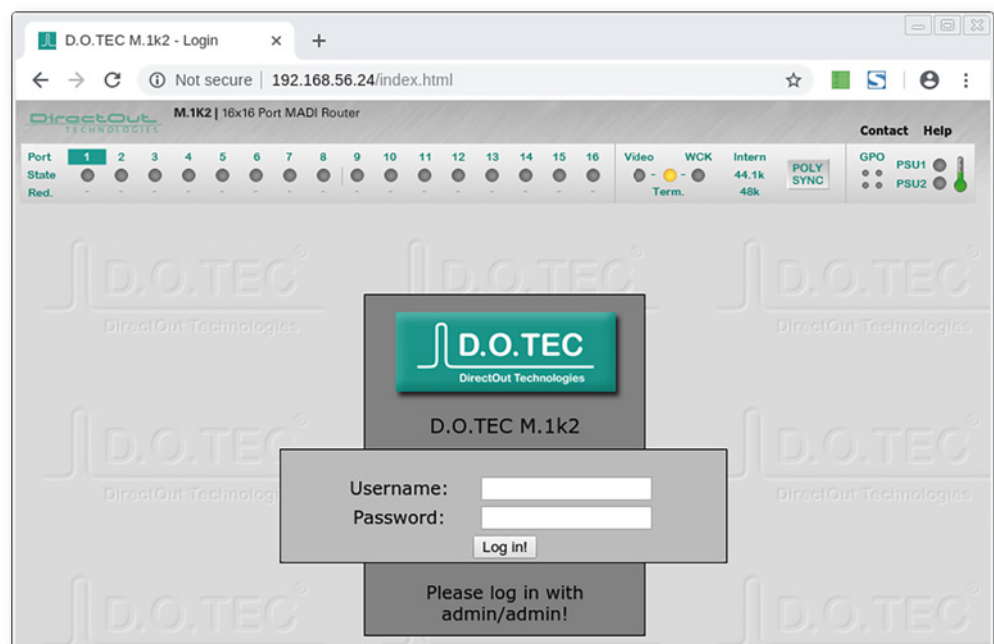
Running the Virtual M.1K2

To run the virtual M.1K2, double click on its entry in the virtual machine list. A window opens and displays the boot process.

After a few seconds the text 'Welcome to the virtual M.1K2 appears'.

Please point your web browser to http://192.168.56.24.

You can now use the Virtual M.1K2:

Stopping the Virtual M.1K2

It is safe to shut down the virtual machine by closing the window 5 seconds after the last configuration change was performed. At that time all changes are flushed out of the caches.