

DA VINCI QUICK GUIDE!

Connect the chessboard to the DaVinci unit and plug the unit, the software will automatically start. You are now in offline mode, place pieces on board you should see them appearing on the screen if not follow instruction in the attached manual included with the board.

To exit the game long press on the Certabo logo you will be able to see the desktop. Each icon on the desktop will let you activate and deactivate the many functions of the Da Vinci module:

Tip: Else if you can use the provided stylus to tap the command we suggest for much more comfort to use a standard mouse to select, click and especially double click.



Preliminary setup Connect to internet

To connect the unit to your wifi there are two ways

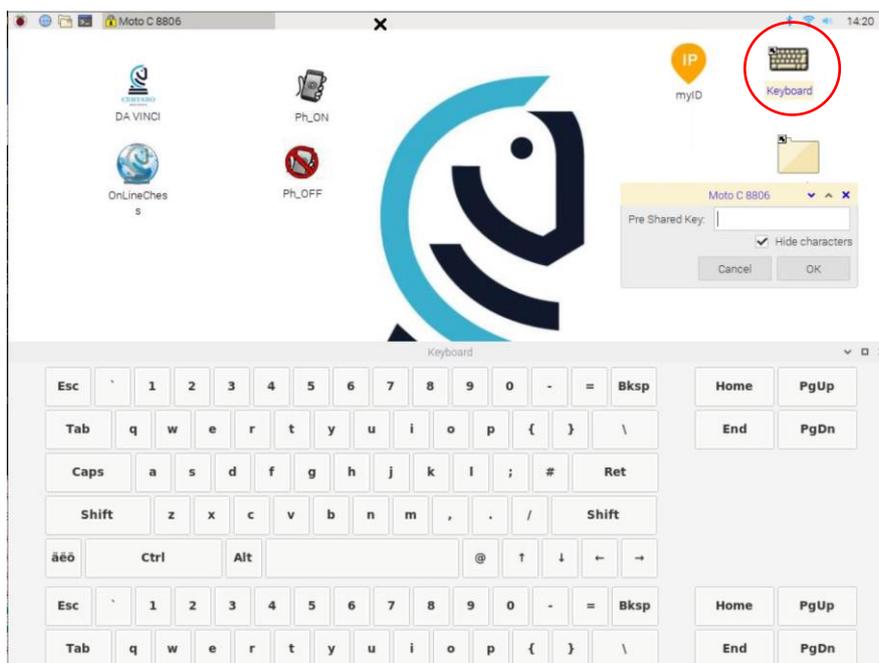
- **Method 1 (from device screen)** from device screen click on the network icon.



Select your Wifi network and insert the password. To insert the password click on keyboard icon an on screen keyboard will pop out to let you write the password.

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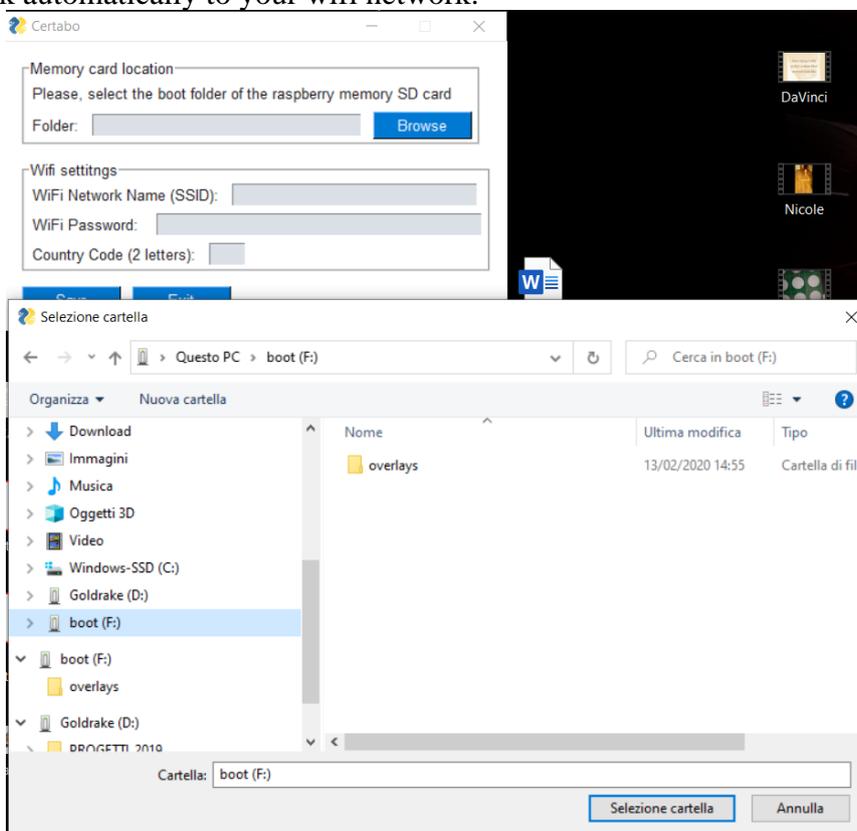
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- **Method 2 (from your PC)**

Be sure to power down your DaVinci, remove the micro SD card from the unit and put in the provided adapter or micro sd adapter.

Put the adapter on your PC the unit will be seen as new external drive with name **“boot” in our example F: drive** . **Do not edit or cancel anything on this drive** . Just run our software Set WiFi parameters. Select the drive named boot, fill the field with name of your network, password country code for example IT for Italy or DE for Germany etc. Select the drive with name boot and click save. The wifi name and password have been saved. Eject the drive and put back the micro sd in the Da Vinci board, power up the Da Vinci unit again and it will hook automatically to your wifi network.



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The screenshot shows the Certabo application window with the following sections:

- Memory card location:** A text box containing "F:/", a "Browse" button, and the instruction "Please, select the boot folder of the raspberry memory SD card".
- Wifi settings:** Three text boxes for "WiFi Network Name (SSID)", "WiFi Password", and "Country Code (2 letters)".
- At the bottom, there are "Save" and "Exit" buttons.

Check assigned ID to the DaVinci unit

In order to connect from your phone to the Da Vinci unit within your wifi network you need to know the IP address assigned by your network to the Da Vinci unit. This IP does normally do not change after assigned the first time but you can always detect it click on MyID icon click on execute and a pop up will show you ID.



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Take note of this number, you will need to setup remote connection on your phone.

Restart the offline mode

If you want to restart the offline mode please connect the board, double click on DaVinci icon then on Execute and the Offline mode will restart.



Play on Lichess via API

If you want to play online on Lichess, please click on Lichess.org button, insert your token or generate a new one. To do this please follow video instruction at this link <https://www.youtube.com/watch?v=NhMdIC2MLeg&t=25s>

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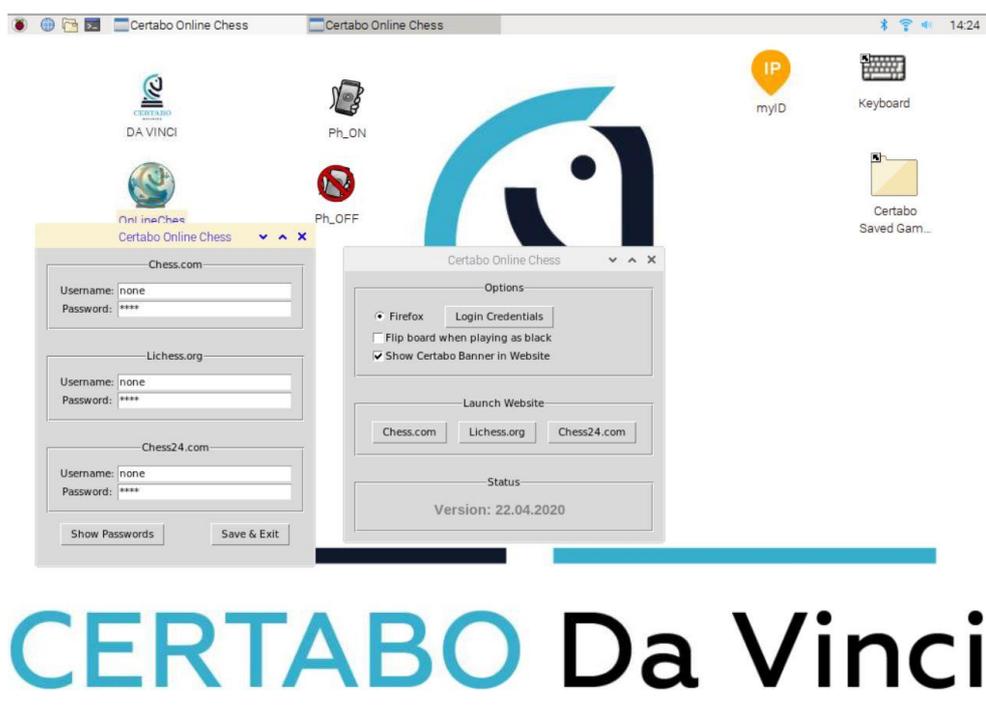
Launch online mode (Screen recognition system)

If you want to play online please connect the board, double click on Online icon then on Execute and the Offline mode will restart.



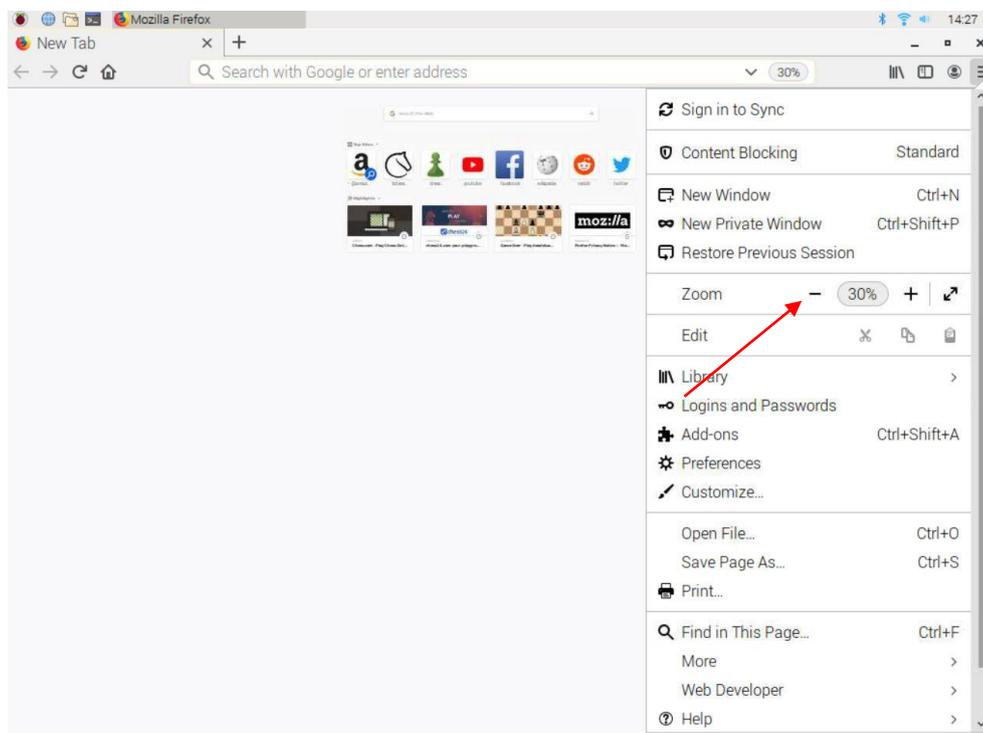
The standard online menu will be presented you can save your credentials to internet chess servers to be logged automatically when you select to play.

Tip: use the keyboard to input your id and password to relative websites



After saving click on chess.com, or other to play the browser will start and log in will be done automatically.
Important tip! : It you want to play using the display be sure to scale the view of your browser down to 30% so that the complete remote virtual chessboard of website is visible on the 3,5" screen. To do this after the browser is started click on browser menu and select 30%.

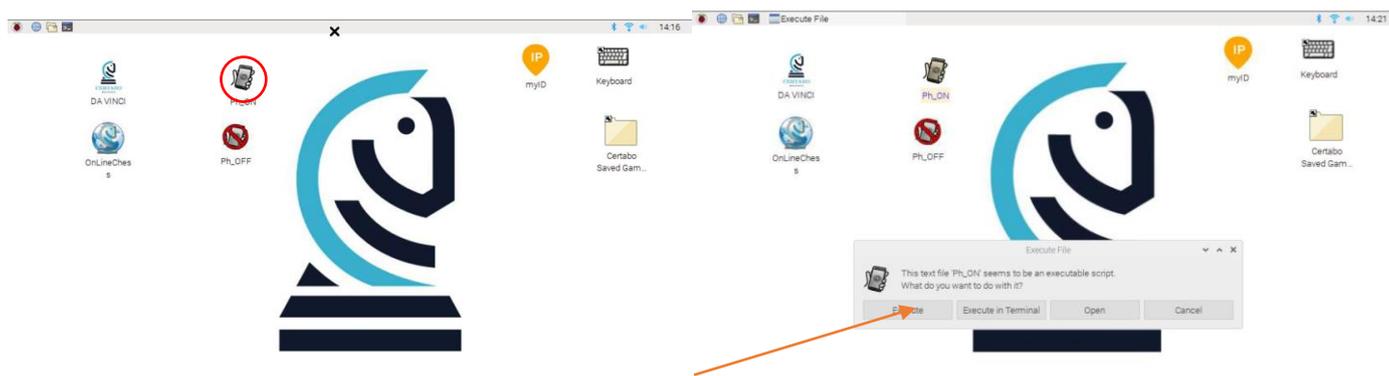
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Note: .We advice to play rated game on Lichess using the official API included in the main software, and use the screen recognition with bot account only as per Lichess policy. Please consult related [Statement](#) at the link. Online recognition software uses geckodriver plugin for Mozilla Firefox and chormedriver plugin for Chrome it may required during after browser update to replace the plug in please consult relative instructions how to do it.

Connect from phone or tablet

Note: You can play on the chessboard using one device only at time. If you play on DaVinci screen the remote control will be disabled if you play using your phone or tablet the DaVinci screen will be disabled. To switch between the two modes double click on Ph_On and Ph_Off. Click on Ph_On will allow the remote connection of any phone to DaVinci unit. Click on Ph_Off will disable the remote connection and will activate the local screen. To enable the remote connection double click on Ph_On icon.

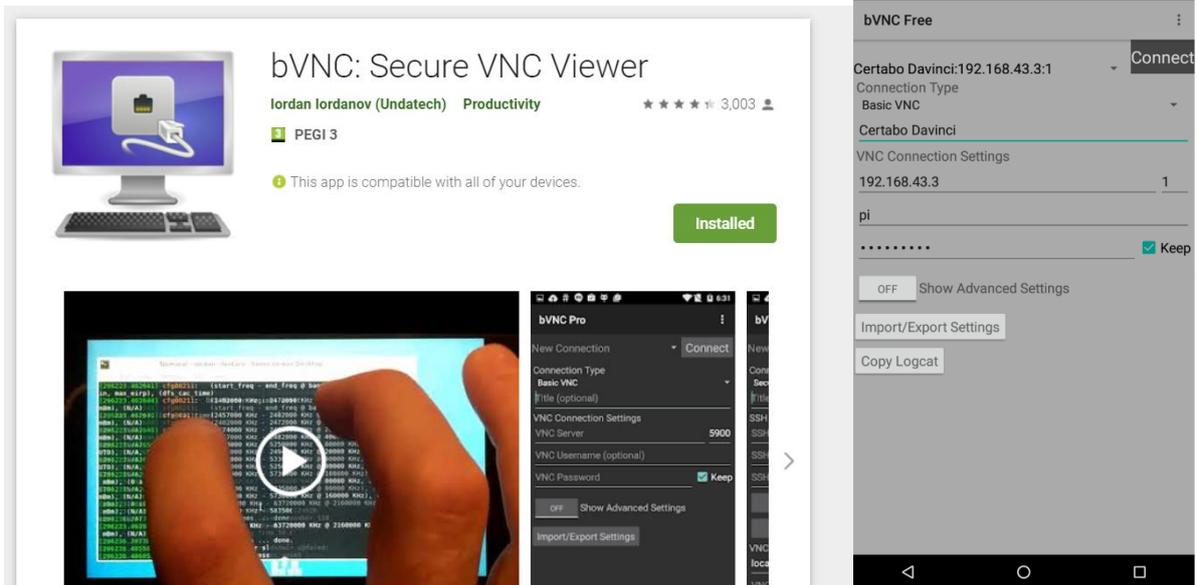


CERTABO Da Vinci CERTABO Da Vinci

Click on execute to enable the remote connection.

On mobile phone download the App “bVNC Secure VNC Viewer”:

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Open and configure a new connection as shown above

Those parameter shall be set only first time:

name: **Certabo DaVinci** (can be any)

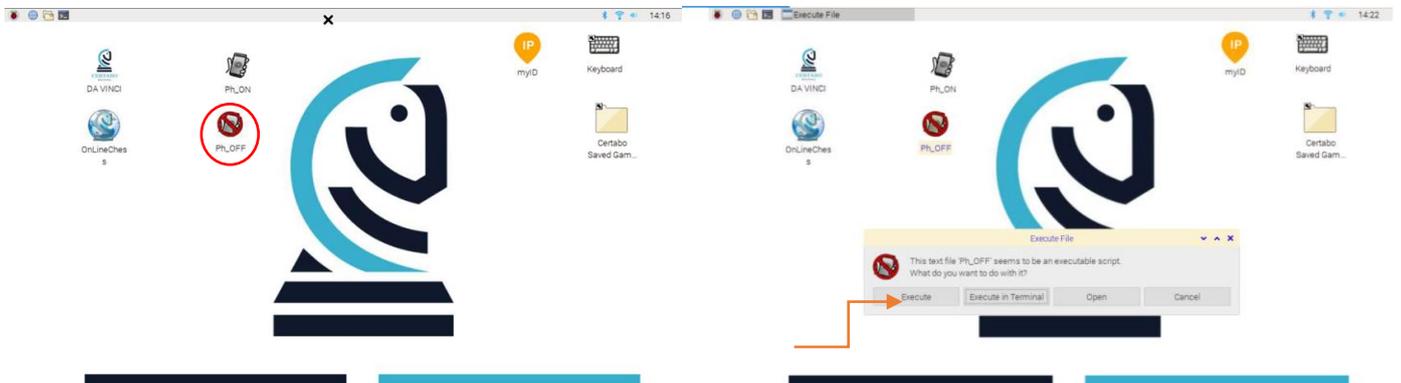
IP: need to put the IP **number you noted before**

User ID: **pi**

Password: **raspberrypi** (not shown in picture) (tick keep so it will store all parameters)

Clicking on connect you will now connect remotely to the DaVinci unit

If you want to go back playing on the DaVinci screen, double click on Ph_off



CERTABO Da Vinci CERTABO Da Vinci

Click on execute to disable the remote connection and start game from local screen.

ENJOY

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SHUTDOWN OF DAVINCI UNIT

To properly shut down the system click on the Certabo icon in top left corner select shut down and click on shut down



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