CNC Handheld

Firmware

the software for the ESP8266 (I use an NodeMCU) is written and flashed with the Arduino Studio.

DOWNLOAD:

display.zip

To make the Arduino Studio support the ESPs, the following boardmanager URL must be given (settings): http://arduino.esp8266.com/stable/package_esp8266com_index.json

then you can select the board NodeMCU 1.0 (ESP-12E modules), this selection fits for all my ESP8266 modules. The upload speed works here with the value of 921600, and as port I set /dev/ttyUSB0. Everything else stays at the default values.

BEFORE flashing

the WLAN access data must be entered. In the file display.ino search the following lines

char* ssid = "xxxxxxx";
char* password = "xxxxxxx";

and enter the access data of your router.

After that you can flash. It is best to open the Ardunio Monitor to check the successful login into the wlan.