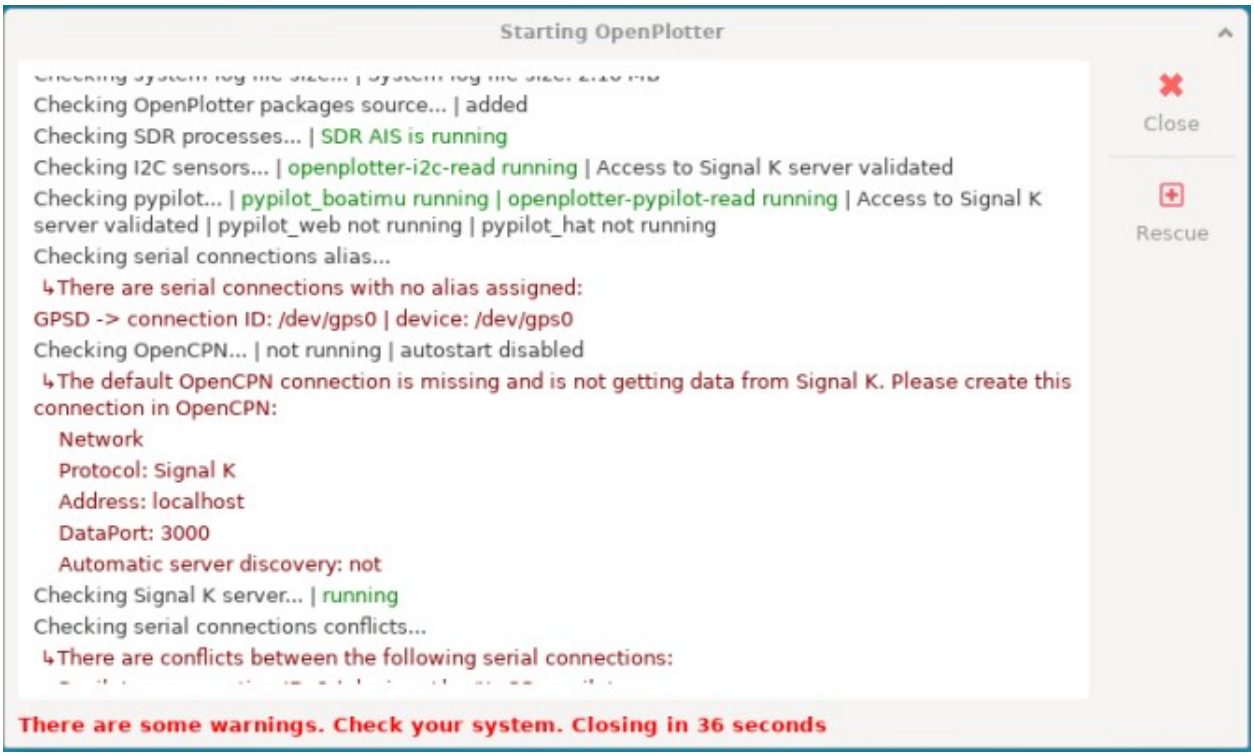
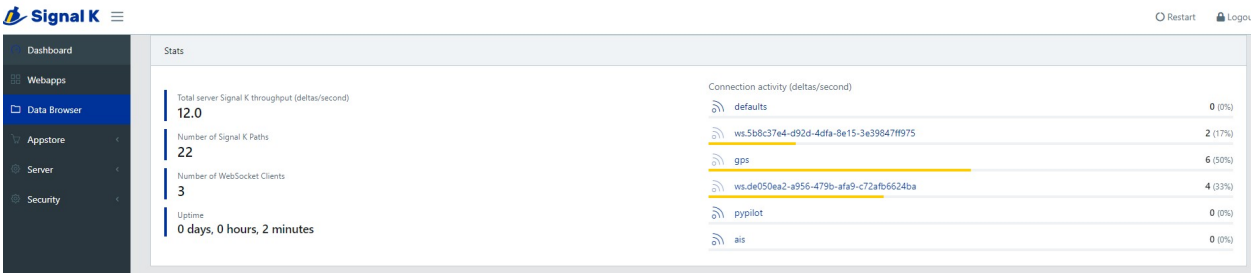
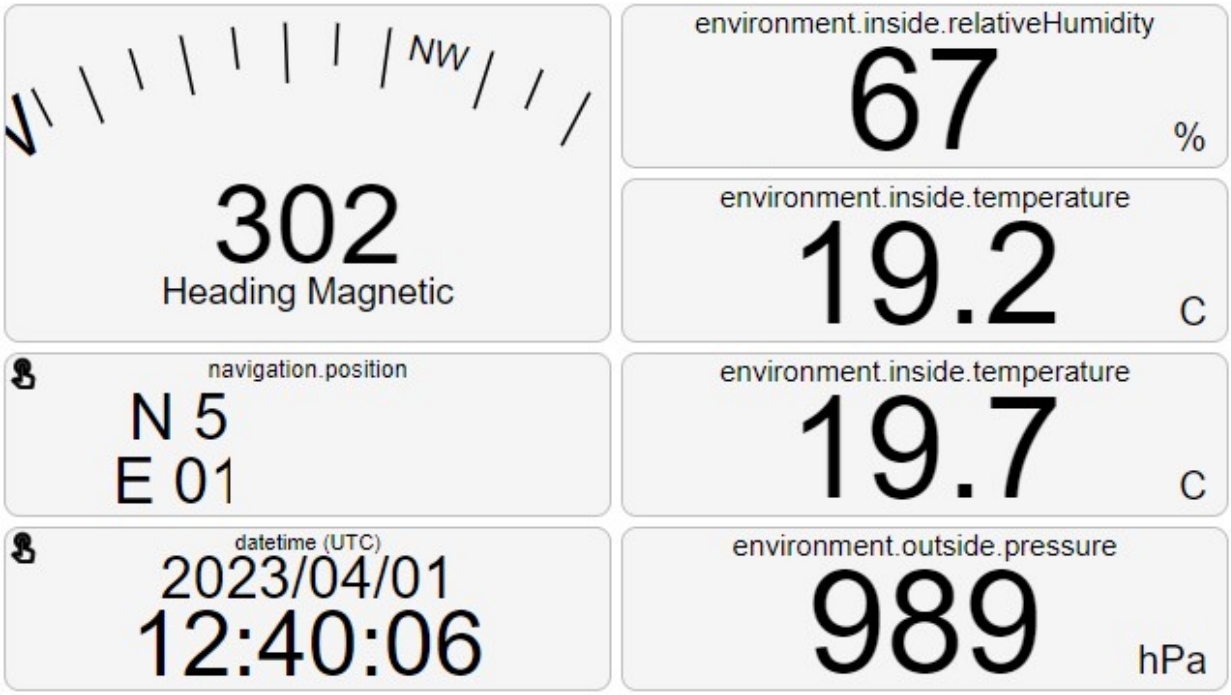
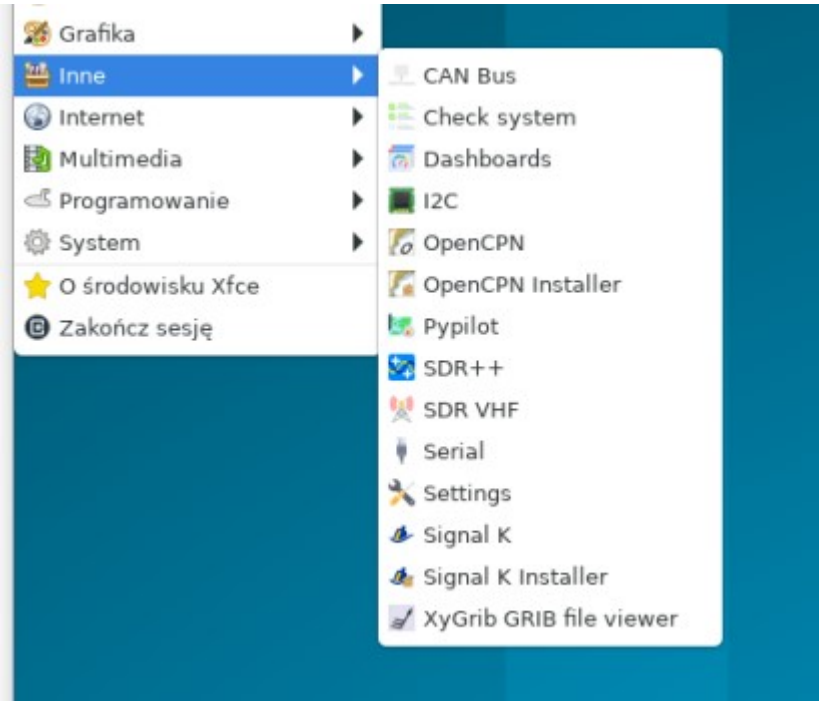
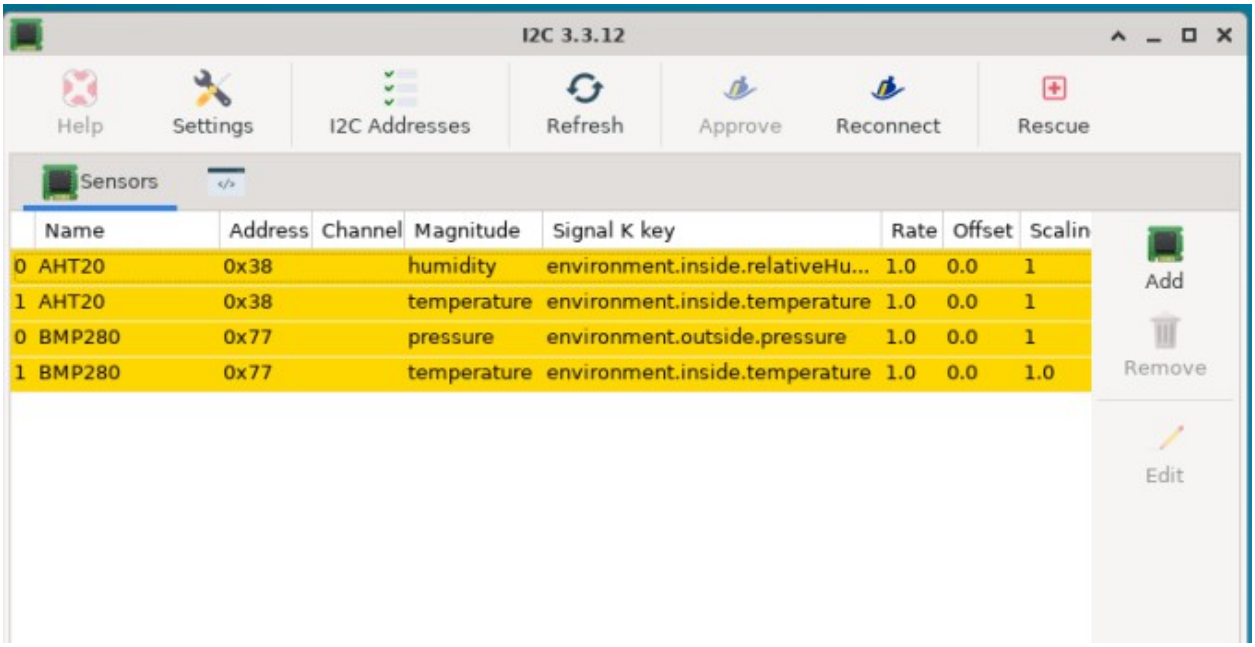
Some screens:

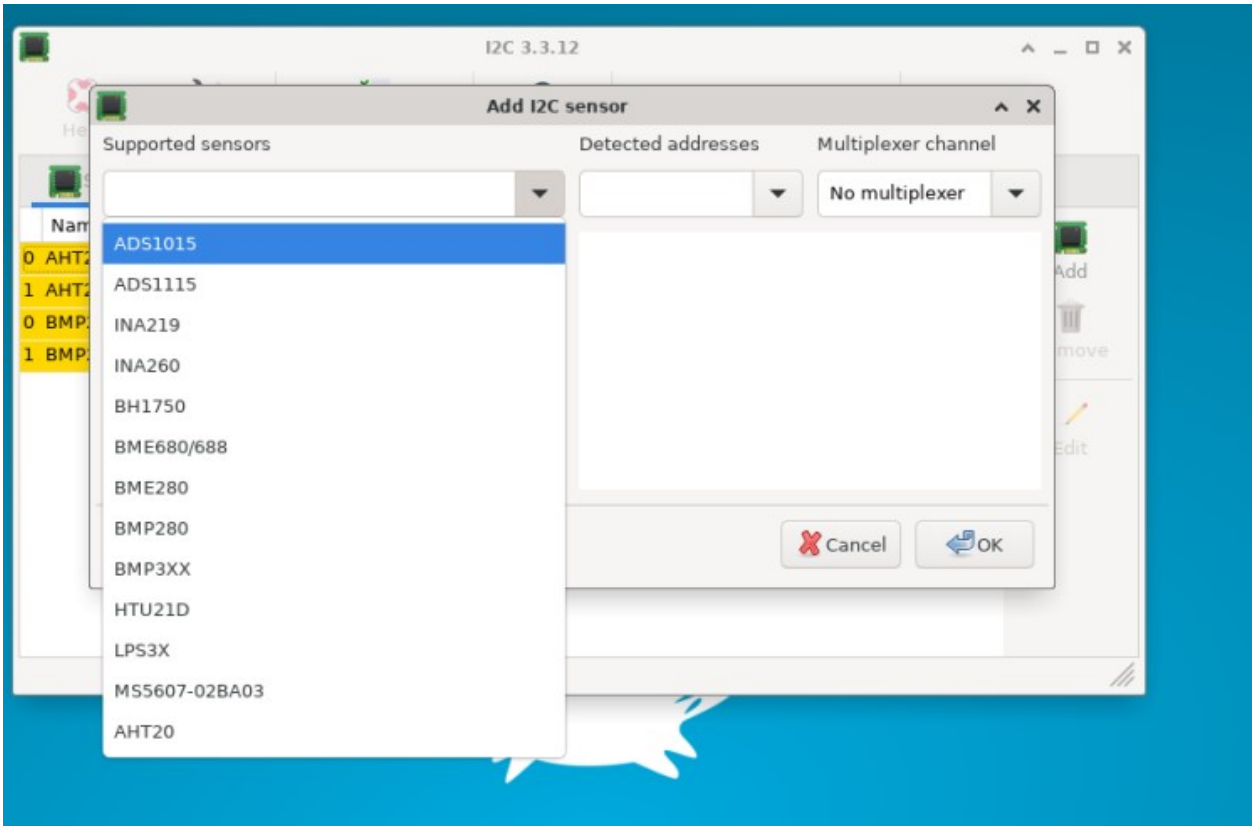


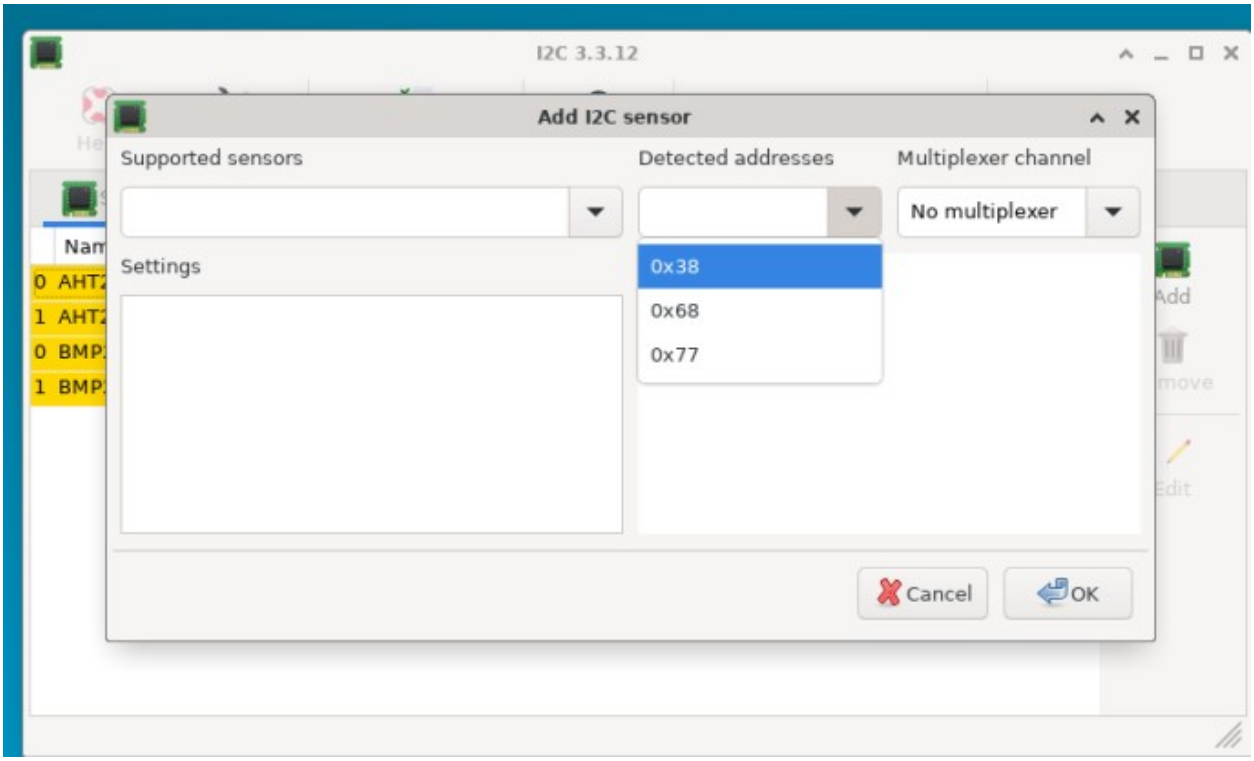


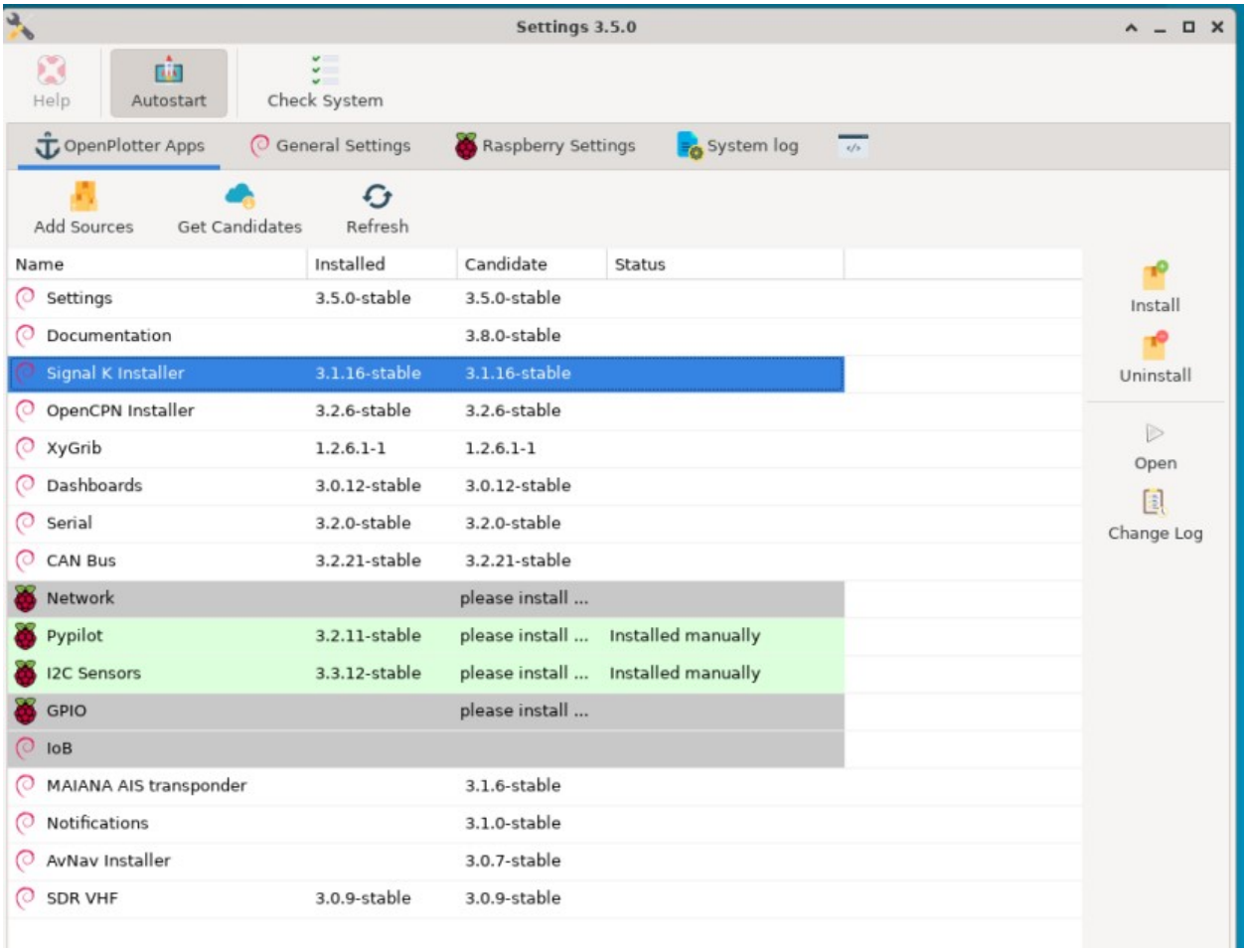

NW
302
Heading Magnetic
environment.inside.relativeHumidity
67
%
environment.inside.temperature
19.2
C
navigation.position
N 5
E 01
environment.inside.temperature
19.7
C
datetime (UTC)
2023/04/01
12:40:06
environment.outside.pressure
989
hPa

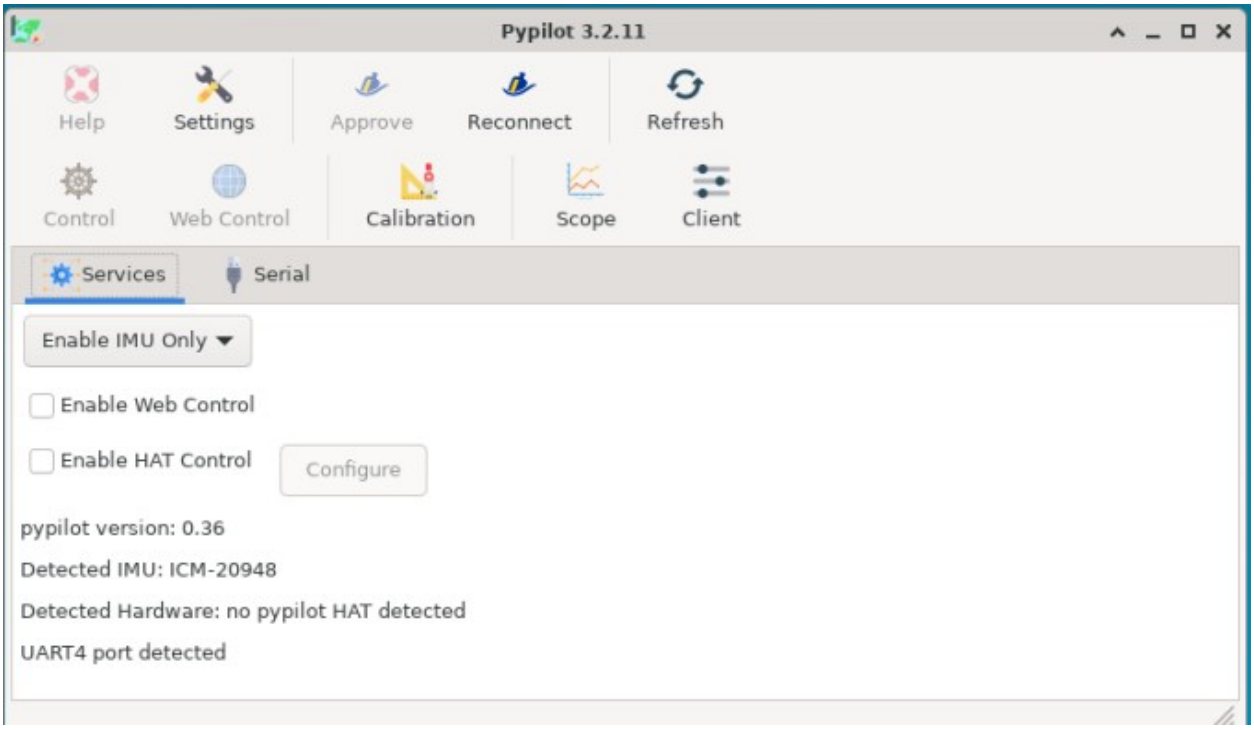

Grafika
Inne
Internet
Multimedia
Programowanie
System
O środowisku Xfce
Zakończ sesję
CAN Bus
Check system
Dashboards
I2C
OpenCPN
OpenCPN Installer
Pypilot
SDR++
SDR VHF
Serial
Settings
Signal K
Signal K Installer
XyGrib GRIB file viewer

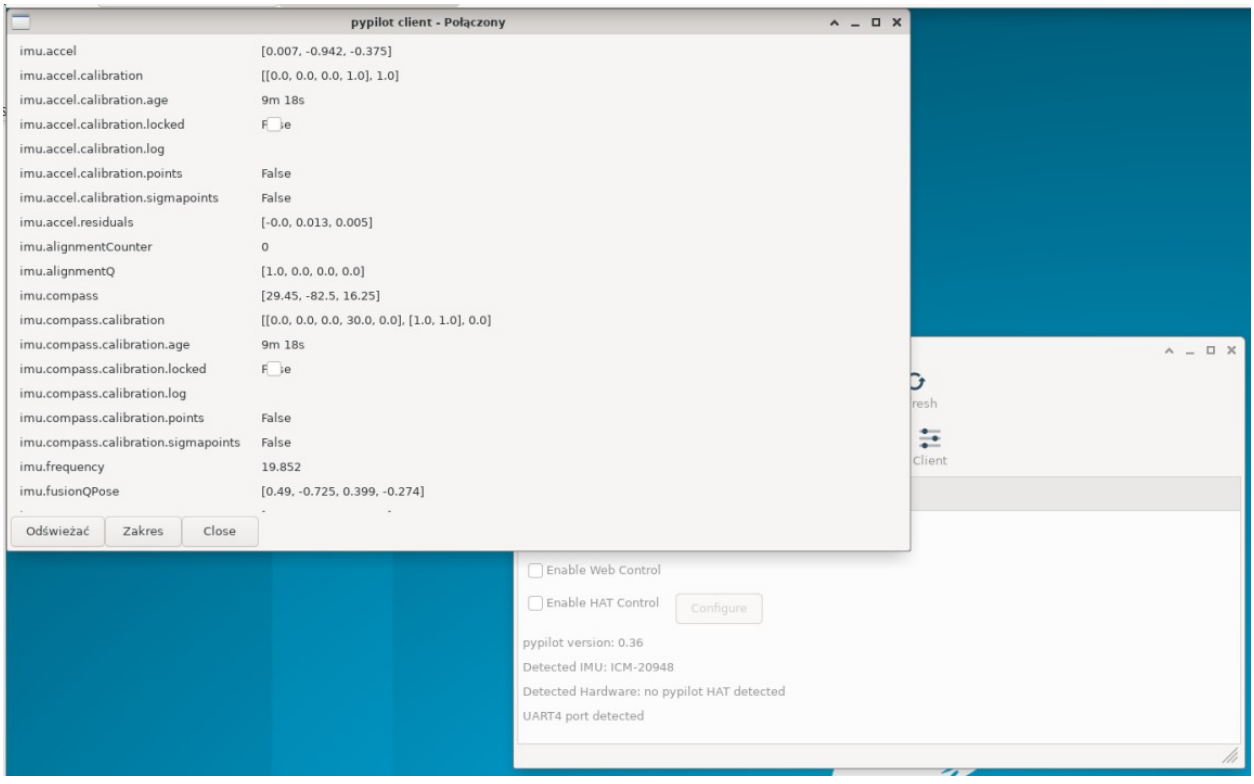

I2C 3.3.12
Help
Settings
I2C Addresses
Refresh
Approve
Reconnect
Rescue
Sensors
Name
Address
Channel
Magnitude
Signal K key
Rate
Offset
Scalin
0 AHT20 0x38 humidity environment.inside.relativeHu... 1.0 0.0 1
1 AHT20 0x38 temperature environment.inside.temperature 1.0 0.0 1
0 BMP280 0x77 pressure environment.outside.pressure 1.0 0.0 1
1 BMP280 0x77 temperature environment.inside.temperature 1.0 0.0 1.0
Add
Remove
Edit

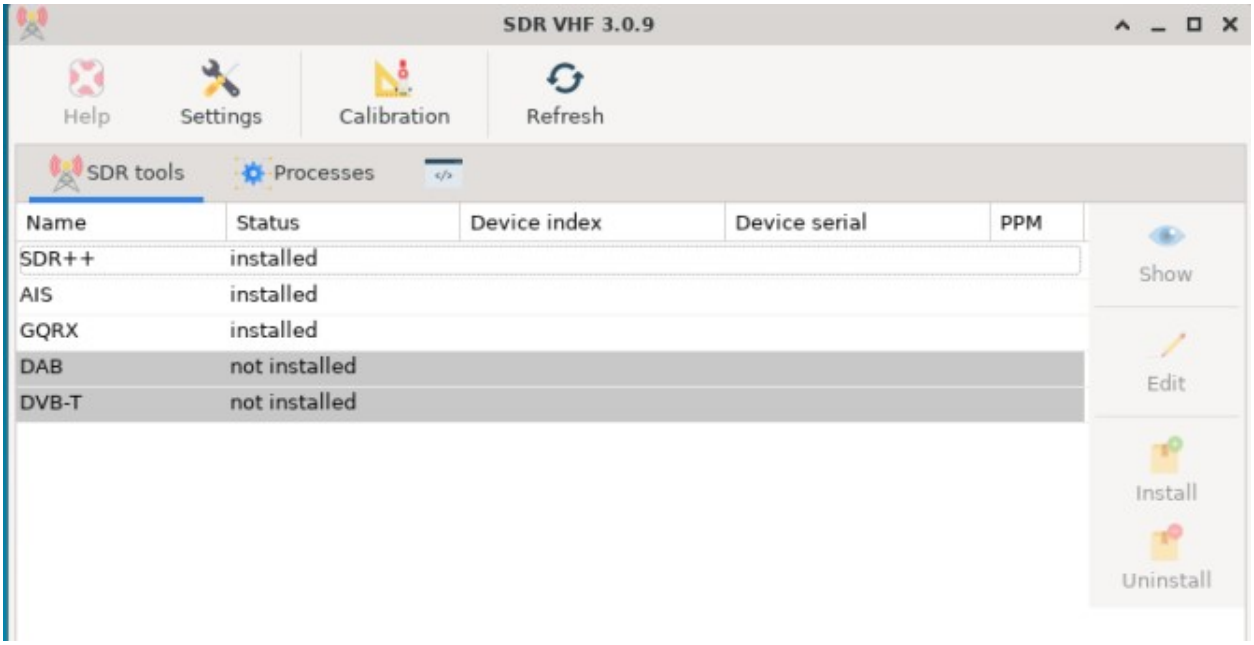

I2C 3.3.12
Add I2C sensor
Supported sensors
Detected addresses
Multiplexer channel
No multiplexer
ADS1015
ADS1115
INA219
INA260
BH1750
BME680/688
BME280
BMP280
BMP3XX
HTU21D
LPS3X
MS5607-02BA03
AHT20
Cancel
OK

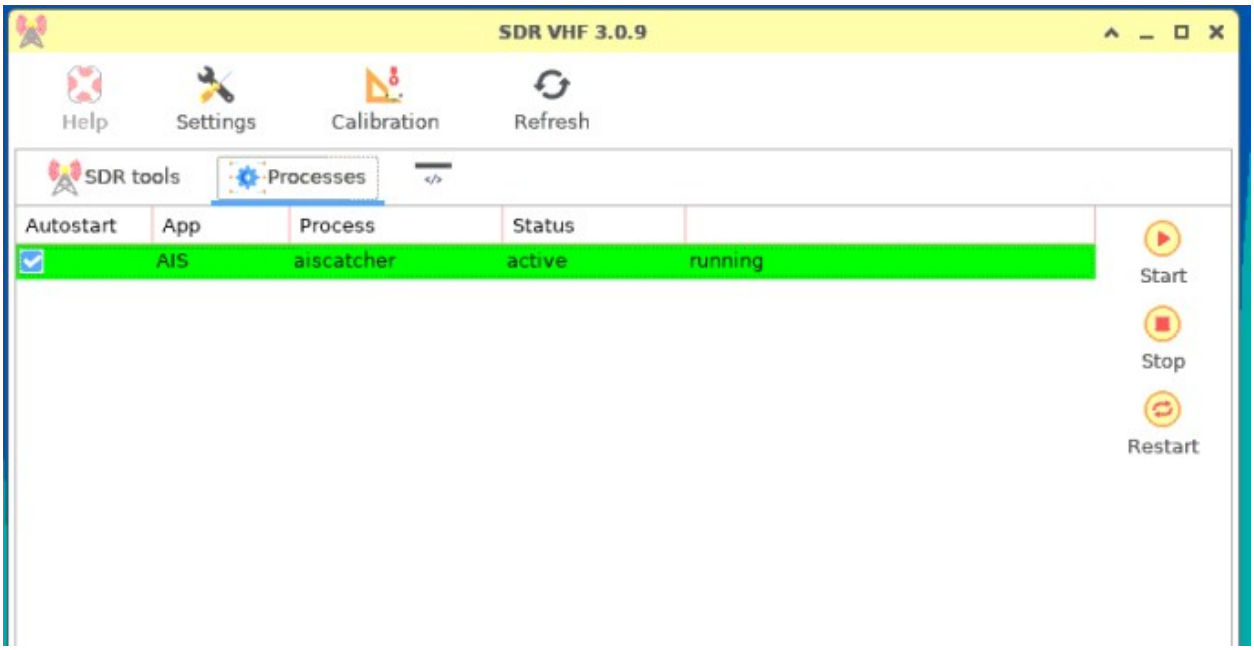

I2C 3.3.12
Add I2C sensor
Supported sensors
Detected addresses
Multiplexer channel
No multiplexer
Settings
0x38
0x68
0x77
Cancel
OK


Settings 3.5.0
Help
Autostart
Check System
OpenPlotter Apps
General Settings
Raspberry Settings
System log
Add Sources
Get Candidates
Refresh
Name
Installed
Candidate
Status
Settings 3.5.0-stable 3.5.0-stable
Documentation 3.8.0-stable
Signal K Installer 3.1.16-stable 3.1.16-stable
OpenCPN Installer 3.2.6-stable 3.2.6-stable
XyGrib 1.2.6.1-1 1.2.6.1-1
Dashboards 3.0.12-stable 3.0.12-stable
Serial 3.2.0-stable 3.2.0-stable
CAN Bus 3.2.21-stable 3.2.21-stable
Network please install ...
Pypilot 3.2.11-stable please install ... Installed manually
I2C Sensors 3.3.12-stable please install ... Installed manually
GPIO please install ...
IoB
MAIANA AIS transponder 3.1.6-stable
Notifications 3.1.0-stable
AvNav Installer 3.0.7-stable
SDR VHF 3.0.9-stable 3.0.9-stable
Install
Uninstall
Open
Change Log


Pypilot 3.2.11
Help
Settings
Approve
Reconnect
Refresh
Control
Web Control
Calibration
Scope
Client
Services
Serial
Enable IMU Only
Enable Web Control
Enable HAT Control
Configure
pypilot version: 0.36
Detected IMU: ICM-20948
Detected Hardware: no pypilot HAT detected
UART4 port detected


pypilot client - Połączony
imu.accel [0.007, -0.942, -0.375]
imu.accel.calibration [[0.0, 0.0, 0.0, 1.0], 1.0]
imu.accel.calibration.age 9m 18s
imu.accel.calibration.locked
imu.accel.calibration.log
imu.accel.calibration.points False
imu.accel.calibration.sigmapoints False
imu.accel.residuals [-0.0, 0.013, 0.005]
imu.alignmentCounter 0
imu.alignmentQ [1.0, 0.0, 0.0, 0.0]
imu.compass [29.45, -82.5, 16.25]
imu.compass.calibration [[0.0, 0.0, 0.0, 30.0, 0.0], [1.0, 1.0], 0.0]
imu.compass.calibration.age 9m 18s
imu.compass.calibration.locked
imu.compass.calibration.log
imu.compass.calibration.points False
imu.compass.calibration.sigmapoints False
imu.frequency 19.852
imu.fusionQPose [0.49, -0.725, 0.399, -0.274]
Odświeżać
Zakres
Close
Client
Enable Web Control
Enable HAT Control
Configure
pypilot version: 0.36
Detected IMU: ICM-20948
Detected Hardware: no pypilot HAT detected
UART4 port detected





Some windows don’t open due to working only with direct connection through HDMI like SDR++

Calibration of pypilot… I need to investigate and maybe change VNC server to different one?