

Hokuyu URG-04LX-UG01

Dit is even een lelijke ruwe dump van mijn eerste experimenten wordt nog opgeschoond

Machiel

Test getting data from Python(linux)

```
“ git clone https://github.com/pasuder/hokuyo-python-lib.git

cd hokuyo-python-lib

pip install -r requirements

cd src/hokuyo/tests/

PYTHONPATH="../.." python3 test_driver_laser.py
```

Output:

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“ BM
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119.5329148311307: 1537, -119.885: 1543}

VV

00P

VEND:Hokuyo Automatic Co.,Ltd.:[

PROD:SOKUIKI Sensor URG-04LX-UG01(Simple-URG);[

FIRM:3.4.03(17/Dec./2012);T

PROT:SCIP 2.0;N

SERI:H1320257;I

PP

00P

MODL:URG-04LX-UG01(Simple-URG)(Hokuyo Automatic Co.,Ltd.);N

DMIN:20;4

DMAX:5600;_

ARES:1024;\

AMIN:44;7

AMAX:725;o

AFRT:384;6

SCAN:600;e

II

00P

MODL:URG-04LX-UG01(Simple-URG)(Hokuyo Automatic Co.,Ltd.);N

LASR:ON;9

SCSP:Initial(600[rpm])<-Default setting by user;A

MESM:Measuring by Normal Mode;0

SBPS:19200[bps]<-Default setting by user;A

TIME:06E03C;j

STAT:Sensor works well.;8

HS1

00P

HS0

00P

CR10

00P

CR99

00P

RS

00P

QT

00P

Touchdesigner

- https://docs.derivative.ca/index.php?title=Hokuyo_CHOP
- <https://miwa-maroon.medium.com/super-introduction-hands-on-interactive-content-with-hokuyo-sensors-and-touchdesigner-46e24f051a2>
- <https://interactiveimmersive.io/blog/touchdesigner-resources/blob-tracking-tricks-in-touchdesigner/>
- https://derivative.ca/UserGuide/Hokuyo_CHOP
- <https://www.youtube.com/watch?v=opDVtyOQleY>
- <https://github.com/STARRYWORKS-inc/HokuyoUtil>
- https://www.youtube.com/watch?v=Xxw_gUPUcy8
- <https://alltd.org/hokuyo-sensor-touchdesigner-tutorial/>
- <https://github.com/huskyroboticsteam/urg-lidar> (driver)

Revision #2

Created 27 March 2024 12:18:27 by machiel

Updated 27 March 2024 13:13:19 by Arnaud