

## TeraRanger Multiflex : ReadMe example

The python configuration scripts have been written in order to provide an easy way to communicate with the sensor on Linux based systems. They have been written for Python 2.7 and tested in Ubuntu 16.04 (Xenial Xerus) and Ubuntu 14.04 (Trusty Tahr). They should work on most other Linux distributions. Depending on your system setup, you might have to install PySerial before using these scripts.

In order to use them, open a Terminal and navigate to the folder containing the scripts.

```
cd MultiFlex
```

Launch the script by passing to python the name of the script and the port the MultiFlex is connected to. In these examples, we shall assume the MultiFlex is connected as ttyACM0 in the /dev folder. Before sending the commands you'll need to kill any process that has the serial port open - on cutecom it is just about closing the device. In order to configure the MultiFlex to output in Text Mode type in:

```
sudo python multiflex_text.py /dev/ttyACM0
```

The script will run for a few seconds and an ACK message will confirm that the command has been received and acknowledged by the sensor. In case the terminal prints NACK, try running the script again.

In order to configure Binary Output:

```
sudo python multiflex_binary.py /dev/ttyACM0
```



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