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- <http://www.gotroot.ca/rigol/>

## LAN

- [https://github.com/RoGeorge/DS1054Z\\_screen\\_capture](https://github.com/RoGeorge/DS1054Z_screen_capture)

```
dpavlin@x200:/rest/cvs$ git clone https://github.com/RoGeorge/DS1054Z_screen_capture
Cloning into 'DS1054Z_screen_capture'...
remote: Counting objects: 77, done.
remote: Total 77 (delta 0), reused 0 (delta 0), pack-reused 77
Unpacking objects: 100% (77/77), done.
Checking connectivity... done.
dpavlin@x200:/rest/cvs$ cd DS1054Z_screen_capture/
dpavlin@x200:/rest/cvs/DS1054Z_screen_capture$
```

```
dpavlin@x200:/rest/cvs/DS1054Z_screen_capture$ python OscScreenGrabLAN.py png 192.168.3.250
Instrument ID: RIGOL TECHNOLOGIES,DS1104Z,DS1ZA172114616,00.04.03.SP2
```

```
Receiving screen capture...
Saved file: DS1104Z_DS1ZA172114616_2015-12-31_14.11.17.png
```

- <https://github.com/pklaus/ds1054z>

```
dpavlin@x200:/rest/cvs$ git clone https://github.com/pklaus/ds1054z
Cloning into 'ds1054z'...
remote: Counting objects: 693, done.
remote: Total 693 (delta 0), reused 0 (delta 0), pack-reused 693
Receiving objects: 100% (693/693), 136.88 KiB | 0 bytes/s, done.
Resolving deltas: 100% (340/340), done.
Checking connectivity... done.
dpavlin@x200:/rest/cvs$ cd ds1054z/
dpavlin@x200:/rest/cvs/ds1054z$ sudo python setup.py install
dpavlin@x200:/rest/cvs/ds1054z$ sudo apt-get install python-zeroconf
```

```
dpavlin@x200:/rest/cvs/ds1054z$ ds1054z discover
192.168.3.250
```

```
dpavlin@x200:/rest/cvs/ds1054z$ ds1054z info
```

```
Vendor: RIGOL TECHNOLOGIES
Product: DS1104Z
Serial: DS1ZA172114____
Firmware: 00.04.03.SP2
```

```
dpavlin@x200:/rest/cvs/ds1054z$ ds1054z save-screen
```

- <https://github.com/Teuniz/DSRemote.git>

## VISA

- <https://github.com/rheslip/PyDSA>

## USB

- <https://github.com/wd5gnr/grigol>

## firmware update

- <http://beyondmeasure.rigoltech.com/acton/fs/blocks/showLandingPage/a/1579/p/p-0019/t/page/fm/0>

```
dpavlin@x200:/tmp$ unzip -t DS1000Z\ (ARM\ )Update_00.04.03.02.03.zip
Archive:  DS1000Z (ARM) Update_00.04.03.02.03.zip
  testing: DS1000Z (ARM) Update_00.04.03.02.03/   OK
  testing: DS1000Z (ARM) Update_00.04.03.02.03/DS1000ZUpdate.GEL   OK
No errors detected in compressed data of DS1000Z (ARM) Update_00.04.03.02.03.zip.
```

## hints

- Menu, Menu, Force, Menu - access system info menu

## plugins for firmware

<https://www.eevblog.com/forum/testgear/rigol-ds1000z-firmware-patch-plugins/>