


The box said „Windows XP or better”, so I used Linux

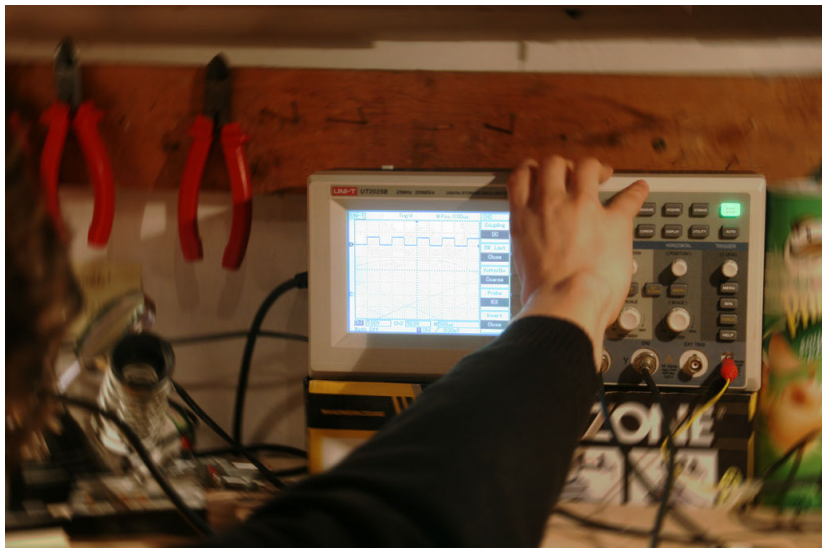
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Hungarian Autonomous Center for Knowledge (H.A.C.K.)

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Hungarian
Autonomous
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<http://hsbp.org/ut2025b>



[http://media.ccc.de/browse/congress/2010/
27c3-4234-en-usb_and_libusb.html](http://media.ccc.de/browse/congress/2010/27c3-4234-en-usb_and_libusb.html)

No.	Time	Source	Destination	Protocol	Length	Info
189	29.352984000	host	3.0	USB	64	URB_CONTROL out
190	29.353161000	3.0	host	USB	64	URB_CONTROL out
191	29.366821000	host	3.2	USB	64	URB_BULK in
192	29.389177000	3.2	host	USB	8256	URB_BULK in
193	29.394172000	host	3.2	USB	64	URB_BULK in
194	29.400549000	3.2	host	USB	8256	URB_BULK in
195	29.402595000	host	3.2	USB	64	URB_BULK in
196	29.408910000	host	3.2	USB	8256	URB_BULK in
197	29.419676000	host	3.2	USB	64	URB_BULK in
198	29.426036000	3.2	host	USB	8256	URB_BULK in
199	29.432154000	host	3.2	USB	64	URB_BULK in

▶ Frame 192: 8256 bytes on wire (66048 bits), 8256 bytes captured (66048 bits)

▼ USB URB

URB id: 0x00000000dba53940
 URB type: URB_COMPLETE ('C')
 URB transfer type: URB_BULK (0x03)

▶ Endpoint: 0x82, Direction: IN

Device: 3
 URB bus id: 2

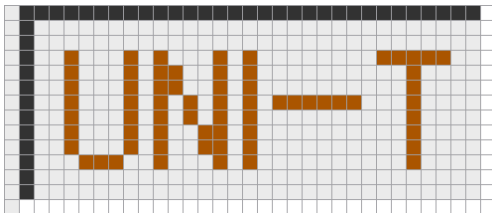
<http://wiki.wireshark.org/CaptureSetup/USB>

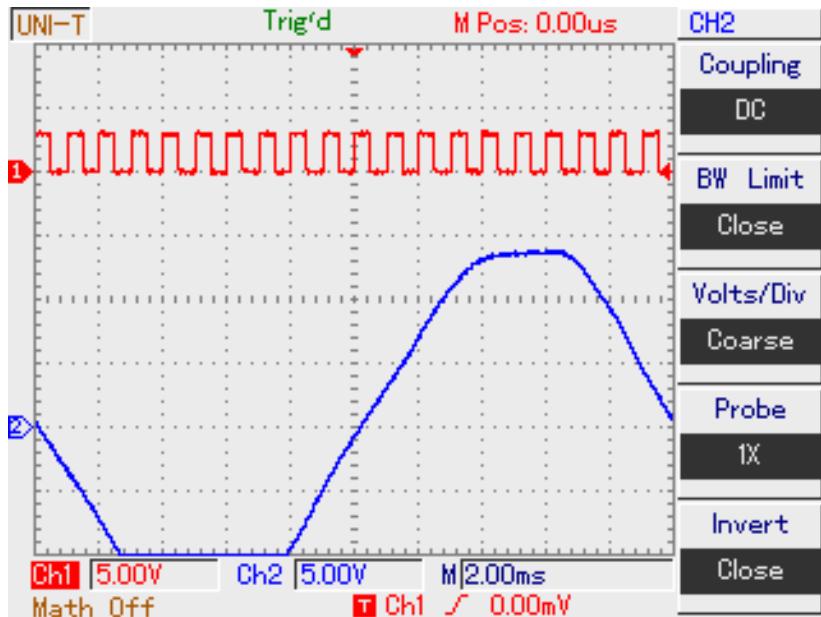
```
43 dev = usb.core.find(idVendor=0x5656, idProduct=0x0832)
44 if dev is None:
45     print >>sys.stderr, 'USB device cannot be found, check connection'
46     sys.exit(1)
47
48 dev.set_configuration()
49 dev.ctrl_transfer(ReqType.CTRL_OUT, 177, 0x2C, 0)
50 dev.ctrl_transfer(ReqType.CTRL_IN, 178, 0, 0, 8)
51 for i in [0xF0] + [0x2C] * 10 + [0xCC] * 10 + [0xE2]:
52     dev.ctrl_transfer(ReqType.CTRL_OUT, 177, i, 0)
53
54 try:
55     dev.ctrl_transfer(ReqType.CTRL_OUT, 176, 0, 38)
56     for bufsize in [8192] * 4 + [6144]:
57         buf = dev.read(Endpoint.BULK_IN, bufsize, 0)
58         buf.tofile(sys.stdout)
59     dev.ctrl_transfer(ReqType.CTRL_OUT, 177, 0xF1, 0)
```

<http://pyusb.sourceforge.net/docs/1.0/tutorial.html>

```
11 01 11 11 11 11 11 11 11 11 11 11 11 11 11 11 00 50
00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 50
00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 50
00 01 00 e0 e0 e0 e0 00 00 e0 00 00 ee 0e 00 ee 00 50
00 01 00 e0 ee e0 e0 00 00 e0 00 00 0e 00 00 00 00 50
```

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01 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 50 00
01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 50 00
01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 50 00
01 00 e0 00 e0 e0 00 e0 e0 00 00 00 0e ee ee 00 50 00
01 00 e0 00 e0 ee 00 e0 e0 00 00 00 00 0e 00 00 50 00
```





Köszönöm a figyelmet!

