

Tvheadend - Bug #5784

TechnoTrend TT-connect S2-4600 Unknown device. Chip_id=61

2019-11-22 22:01 - johannes cleen

Status:	Invalid	Start date:	2019-11-22
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	DVB	Estimated time:	0.00 hour
Target version:		Affected Versions:	
Found in version:	official repository and packages - stable		

Description

Trying to get an TechnoTrend TT-connect S2-4600 running on ubuntu 16.04 lts:

without install of tvheadend with official sources dmesg said:

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<6>[ 554.769827] usb 1-4.3: new high-speed USB device number 4 using xhci_hcd
<6>[ 554.870986] usb 1-4.3: New USB device found, idVendor=0b48, idProduct=3011
<6>[ 554.870993] usb 1-4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=3
<6>[ 554.870997] usb 1-4.3: Product: dvb-s2
<6>[ 554.871000] usb 1-4.3: Manufacturer: geniatech
<6>[ 554.871003] usb 1-4.3: SerialNumber: 000000000232
<6>[ 554.886953] dw2102: su3000_identify_state
<6>[ 554.886957] dvb-usb: found a 'TechnoTrend TT-connect S2-4600' in warm state.
<6>[ 554.886969] dw2102: su3000_power_ctrl: 1, initialized 0
<6>[ 554.888183] dvb-usb: will pass the complete MPEG2 transport stream to the software demuxer.
<6>[ 554.888309] dvbdev: DVB: registering new adapter (TechnoTrend TT-connect S2-4600)
<6>[ 554.893616] dvb-usb: MAC address: bc:ea:2b:46:07:c2
<6>[ 555.222210] i2c i2c-8: Added multiplexed i2c bus 9
<6>[ 555.279283] ts2020 9-0060: Montage Technology TS2022 successfully identified
<6>[ 555.279381] usb 1-4.3: DVB: registering adapter 0 frontend 0 (Montage Technology M88DS3103)...
<6>[ 555.280417] Registered IR keymap rc-tt-1500
<6>[ 555.280503] rc rc0: TechnoTrend TT-connect S2-4600 as /devices/pci0000:00/0000:00:14.0/usb1/1-4/1-4.3/rc/rc0
<6>[ 555.280614] input: TechnoTrend TT-connect S2-4600 as /devices/pci0000:00/0000:00:14.0/usb1/1-4/1-4.3/rc/rc0/input9
<6>[ 555.280876] dvb-usb: schedule remote query interval to 250 msecs.
<6>[ 555.280882] dw2102: su3000_power_ctrl: 0, initialized 1
<6>[ 555.280884] dvb-usb: TechnoTrend TT-connect S2-4600 successfully initialized and connected.
<6>[ 555.280984] usbcore: registered new interface driver dw2102
<3>[ 557.575813] dvb-usb: recv bulk message failed: -110
<3>[ 557.575907] dw2102: i2c transfer failed.
```

after install of tvheadend dmesg reports:

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<6>[ 2866.480245] dvb-usb: TechnoTrend TT-connect S2-4600 successfully deinitialized and disconnected.
<6>[41091.376695] usb 1-4.3: new high-speed USB device number 5 using xhci_hcd
<6>[41091.477640] usb 1-4.3: New USB device found, idVendor=0b48, idProduct=3011
<6>[41091.477646] usb 1-4.3: New USB device strings: Mfr=1, Product=2, SerialNumber=3
<6>[41091.477650] usb 1-4.3: Product: dvb-s2
<6>[41091.477653] usb 1-4.3: Manufacturer: geniatech
<6>[41091.477657] usb 1-4.3: SerialNumber: 000000000232
<6>[41091.478990] dw2102: su3000_identify_state
<6>[41091.478993] dvb-usb: found a 'TechnoTrend TT-connect S2-4600' in warm state.
<6>[41091.479006] dw2102: su3000_power_ctrl: 1, initialized 0
<6>[41091.479462] dvb-usb: will pass the complete MPEG2 transport stream to the software demuxer.
<6>[41091.479569] dvbdev: DVB: registering new adapter (TechnoTrend TT-connect S2-4600)
<6>[41091.483805] dvb-usb: MAC address: bc:ea:2b:46:07:c2
<3>[41092.007577] m88ds3103 8-0068: Unknown device. Chip_id=61
<3>[41092.007717] dvb-usb: no frontend was attached by 'TechnoTrend TT-connect S2-4600'
<6>[41092.008039] Registered IR keymap rc-tt-1500
<6>[41092.008126] rc rc0: TechnoTrend TT-connect S2-4600 as /devices/pci0000:00/0000:00:14.0/usb1/1-4/1-4.3/rc/rc0
<6>[41092.008247] input: TechnoTrend TT-connect S2-4600 as /devices/pci0000:00/0000:00:14.0/usb1/1-4/1-4.3/rc/rc0/input10
<6>[41092.008565] dvb-usb: schedule remote query interval to 250 msecs.
<6>[41092.008571] dw2102: su3000_power_ctrl: 0, initialized 1
<6>[41092.008573] dvb-usb: TechnoTrend TT-connect S2-4600 successfully initialized and connected.
<3>[41094.298032] dvb-usb: recv bulk message failed: -110
```

<3>[41094.298125] dw2102: i2c transfer failed.

tvheadend does not identify the S2-4600. What does tvheadend for it to change to "Unknown device"?

Tests with a clean install of ubuntu 18.04 (without tvheadend) showed the "Unknown device"-error without firmware file, but with the firmware from <http://palosaari.fi/linux/v4l-dvb/firmware/M88DS3103/> "Montage Technology TS2022 successfully identified".

Any ideas?

History

#1 - 2019-11-22 22:17 - Flole Systems

What does tvheadend for it to change to "Unknown device"?

Your OS needs to detect the hardware properly and have the right drivers for it. Not a tvheadend issue, you could ask a question in the Forum.

#2 - 2019-11-22 22:27 - johannes cleen

You are right that kernel driver issues are out of the range of the tvheadend-project.

But still i'm surprised that the sole installation of the stable tvheadend packages changed the way the kernel copes with the hardware. Does the installation routine any changes to system files or variables?

#3 - 2019-11-22 23:34 - Flole Systems

That's another question you can ask in your forum post. Make sure to include what version you are using there so if someone wants to look into it they can look at the right version. If you want to know what files are changed you should extract the package you installed and look at the contents of it.

#4 - 2019-12-02 13:32 - Jaroslav Kysela

- *Status changed from New to Invalid*

The kernel driver seems to be unstable or the hardware is unstable. This bug does not appear to be the tvheadend related.