

CError writing session log (raw mode) to file: putty.log

PU 01

Dreambox DM900

AVS init...

AVS init OK

AVS load:select_image: addr_offset: 00051000 part_offset: 00000000 bootStatus: 2a002b00

AVS load_code offset =00051000

LOADED

AVS: overtemp mon ON

single board

select_image: addr_offset: 00055000 part_offset: 00000000 bootStatus: 3d2b2500

MEMSYS-STD

SHMOO 02010000 BLD:11138M HW:hpF0_b1p6 V:2.1.0.0

MCB: FLEX

AVS start:status=000000ff

STB: Current voltage=0000039b(923)

temperature=0000ba60(47712)

PV=00000356(854)

MV=0000039c(924)

AVS FW rev=30333278 [0.3.2.x]

OK

DDR0: !@ ffe0e780 <= ffe0df10 MEMSYS-0 @ f1100000 OK

DDR1: =@ ffe0e780 <= ffe0df10 MEMSYS-1 @ f1180000 OK

Sdram Scramble OTP = 0x00000001

Sdram Scramble OK

select_image: addr_offset: 00020000 part_offset: 00000000 bootStatus: 1b25252b

BFW load mode OTP = 0x0000000f

bfw_hash_locked = 0x00000000

BFW key3 OK, BFW load OK

BFW v2.1.0

COPY CODE... DONE

MICH: disable success

SSBL

PINMUX

CACHE FLUSH OK

MMU ON

CACHE FLUSH OK

_fbss 07080cd0

_ebss 0713dd70

_end 0713dd90

HEAP @ 07200000

STACK @ 09300000

ARCH: CONFIG OK

CLR BSS 07080cd0 to 0713dd70 OK

CLR SRAM OK

CACHE FLUSH OK

CPU CLKSET OK

GO!

```
./
./___, BOLT v1.18 v1.18 LOCAL BUILD
: ' (2016-12-01 16:24:31 cynric@cynric-VirtualBox)
./, Copyright (C) 2016 Broadcom
/'
```

```
Board: BCM97252SSFF
SYS_CTRL: product=72521, family=7439b1, strap=000000b2,
otp @ 0xf0404030 = 0x822000e0: en_cr(0x00000060) en_testport(0x00000080)
macrovision_disable(0x02000000) moca_disable(0x80000000) rv9_disable(0x00200000)
otp @ 0xf0404034 = 0x00000021: moca2_disable(0x00000001) rfm_disable(0x00000020)
CPU: 2x B15 [420f00f3] 1719 MHz
SCB: 432 MHz
DDR0 @ 1067MHz, DDR1 @ 1067MHz
RESET CAUSE: 0x000001 power_on (1 of 23 possible causes)
CS0: SFDP SPI, 32MB, 64kB blocks, 64kB erase block, 256B pages
CS1: NAND: unrecognized ID: 0xffff 0xffffffff
RTS0: 0x1101004, 256 clients, ok
RTS1: 0x1181004, 256 clients, ok
BOX MODE: 5
card if initd
set pwm to 0/255
disp id 5420
load image
AVS: park check
AVS: temperature monitoring enabled
AVS: STB: V=0.921V, T=+48.686C, PV=0.854V, MV=0.924V, FW=30333278 [0.3.2.x]
USB otp=00000040
USB @ 0xf0470200: IPP is active low, IOC is negative polarity
init fp
found card in unknown state
ca valid!
set pwm to 200/255
Normal bootup
Loader:zimg Filesys:raw Dev:emmcflash0.kernel File: Options:(null)
Reading 4249512 bytes from zImage.....
Starting program at 0x8000 (DTB @ 0x7728000)
```

32 bit boot...

```
Uncompressing Linux... done, booting the kernel.
[ 0.000000] Booting Linux on physical CPU 0x0
[ 0.000000] Initializing cgroup subsys cpuset
[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Initializing cgroup subsys cpuacct
[ 0.000000] Linux version 3.14-1.17-dm900 (newnigma2@nn2build2) (gcc version 5.3.0 (GCC) ) #1
SMP Mon Oct 30 17:37:52 CET 2017
[ 0.000000] CPU: ARMv7 Processor [420f00f3] revision 3 (ARMv7), cr=30c7387d
[ 0.000000] CPU: PIPT / VIPT nonaliasing data cache, PIPT instruction cache
```

```
[ 0.000000] Machine model: BCM97252SSFF
[ 0.000000] moving dtb from 0x000000007728000 to 0x000000000839e70
[ 0.000000] bmem: Reserved 640 MiB at 0x0000000018000000
[ 0.000000] bmem: Reserved 384 MiB at 0x0000000080000000
[ 0.000000] cma: Reserved 16 MiB at 0x00000000f000000
[ 0.000000] Memory policy: Data cache writealloc
[ 0.000000] MCP: Enabling write pairing
[ 0.000000] PERCPU: Embedded 8 pages/cpu @cdfc0000 s8384 r8192 d16192 u32768
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 523776
[ 0.000000] Kernel command line: bmem=640M@384M bmem=384M@2048M
console=ttyS0,1000000 root=/dev/mmcblk0p2 rootwait rootfstype=ext4 coherent_pool=2M
[ 0.000000] PID hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.000000] Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)
[ 0.000000] Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)
[ 0.000000] Memory: 1006896K/2097152K available (6114K kernel code, 214K rwddata, 1600K
rodata, 244K init, 208K bss, 1073872K reserved, 16384K cma-reserved, 786428K highmem)
[ 0.000000] Virtual kernel memory layout:
[ 0.000000] vector : 0xffff0000 - 0xffff1000 ( 4 kB)
[ 0.000000] fixmap : 0xfff00000 - 0xfffe0000 ( 896 kB)
[ 0.000000] vmalloc : 0xd0800000 - 0xff000000 ( 744 MB)
[ 0.000000] lowmem : 0xc0000000 - 0xd0000000 ( 256 MB)
[ 0.000000] pkmap : 0xbfe00000 - 0xc0000000 ( 2 MB)
[ 0.000000] modules : 0xbf000000 - 0xbfe00000 ( 14 MB)
[ 0.000000] .text : 0xc0008000 - 0xc0790cec (7716 kB)
[ 0.000000] .init : 0xc0791000 - 0xc07ce0c0 ( 245 kB)
[ 0.000000] .data : 0xc07d0000 - 0xc0805b20 ( 215 kB)
[ 0.000000] .bss : 0xc0805b28 - 0xc0839e70 ( 209 kB)
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] Additional per-CPU info printed with stalls.
[ 0.000000] RCU restricting CPUs from NR_CPUS=4 to nr_cpu_ids=2.
[ 0.000000] RCU: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=2
[ 0.000000] NR_IRQS:16 nr_irqs:16 16
[ 0.000000] irq_brcmstb_l2: registered L2 intc (mem: 0xfc403000, parent irq: 93)
[ 0.000000] irq_brcmstb_l2: registered L2 intc (mem: 0xfc3e1000, parent irq: 64)
[ 0.000000] irq_brcmstb_l2: registered L2 intc (mem: 0xfc410640, parent irq: 95)
[ 0.000000] irq_brcmstb_l2: registered L2 intc (mem: 0xfc4d1200, parent irq: 58)
[ 0.000000] Architected cp15 timer(s) running at 27.00MHz (virt).
[ 0.000004] sched_clock: 56 bits at 27MHz, resolution 37ns, wraps every 2545165795328ns
[ 0.000010] Switching to timer-based delay loop
[ 0.000234] Console: colour dummy device 80x30
[ 0.000257] Calibrating delay loop (skipped), value calculated using timer frequency.. 54.00
BogoMIPS (lpj=27000)
[ 0.000265] pid_max: default: 32768 minimum: 301
[ 0.000357] Mount-cache hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.000362] Mountpoint-cache hash table entries: 1024 (order: 0, 4096 bytes)
[ 0.005892] Initializing cgroup subsys devices
[ 0.005906] Initializing cgroup subsys freezer
[ 0.005913] Initializing cgroup subsys net_cls
[ 0.005944] CPU: Testing write buffer coherency: ok
```

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[ 0.006154] CPU0: update cpu_power 1024
[ 0.006161] CPU0: thread -1, cpu 0, socket 0, mpidr 80000000
[ 0.006209] Setting up static identity map for 0x5d5ab8 - 0x5d5b10
[ 0.007444] CPU1: Booted secondary processor
[ 0.007463] CPU1: update cpu_power 1024
[ 0.007465] CPU1: thread -1, cpu 1, socket 0, mpidr 80000001
[ 0.007533] Brought up 2 CPUs
[ 0.007543] SMP: Total of 2 processors activated (108.00 BogoMIPS).
[ 0.007547] CPU: All CPU(s) started in SVC mode.
[ 0.007934] devtmpfs: initialized
[ 0.011572] VFP support v0.3: implementor 42 architecture 4 part 00 variant 0 rev 0
[ 0.012137] regulator-dummy: no parameters
[ 0.012310] NET: Registered protocol family 16
[ 0.013239] DMA: preallocated 2048 KiB pool for atomic coherent allocations
[ 0.013430] cpuidle: using governor ladder
[ 0.013435] cpuidle: using governor menu
[ 0.014578] irq: no irq domain found for /rdb/interrupt-controller@f040a700 !
[ 0.014662] irq: no irq domain found for /rdb/interrupt-controller@f0417380 !
[ 0.016361] syscon f0404000.syscon: regmap [mem 0xf0404000-0xf0404523] registered
[ 0.016435] syscon f03e2400.syscon: regmap [mem 0xf03e2400-0xf03e27ff] registered
[ 0.016502] syscon f0452000.syscon: regmap [mem 0xf0452000-0xf04520ff] registered
[ 0.016567] syscon f0404100.syscon: regmap [mem 0xf0404100-0xf040415b] registered
[ 0.016630] syscon f040415c.syscon: regmap [mem 0xf040415c-0xf040419b] registered
[ 0.016697] syscon f0410700.syscon: regmap [mem 0xf0410700-0xf041070b] registered
[ 0.016764] syscon f041070c.syscon: regmap [mem 0xf041070c-0xf0410713] registered
[ 0.016826] syscon f1101004.syscon: regmap [mem 0xf1101004-0xf1101403] registered
[ 0.016888] syscon f1181004.syscon: regmap [mem 0xf1181004-0xf1181403] registered
[ 0.016957] syscon f0404080.syscon: regmap [mem 0xf0404080-0xf0404083] registered
[ 0.017024] syscon f04040a4.syscon: regmap [mem 0xf04040a4-0xf04040a7] registered
[ 0.017086] syscon f03e0154.syscon: regmap [mem 0xf03e0154-0xf03e0157] registered
[ 0.017164] syscon f03e0354.syscon: regmap [mem 0xf03e0354-0xf03e0357] registered
[ 0.017231] syscon f03e0400.syscon: regmap [mem 0xf03e0400-0xf03e0403] registered
[ 0.017534] irq: no irq domain found for /rdb/interrupt-controller@f0417380 !
[ 0.017758] Broadcom Brahma-B15 readahead cache at: 0xfc3e2478
[ 0.022094] bio: create slab <bio-0> at 0
[ 0.022399] brcmstb-gpio f040a600.gpio: Couldn't get IRQ. Enable CONFIG_BCM7120_L2_IRQ if you
want GPIO interrupt support
[ 0.022426] brcmstb-gpio f040a600.gpio: Registered 5 banks (GPIO(s): 0-159)
[ 0.022454] brcmstb-gpio f0417400.gpio: Couldn't get IRQ. Enable CONFIG_BCM7120_L2_IRQ if you
want GPIO interrupt support
[ 0.022467] brcmstb-gpio f0417400.gpio: Registered 2 banks (GPIO(s): 160-223)
[ 0.022814] SCSI subsystem initialized
[ 0.023033] usbcore: registered new interface driver usbfs
[ 0.023062] usbcore: registered new interface driver hub
[ 0.023119] usbcore: registered new device driver usb
[ 0.023139] media: Linux media interface: v0.10
[ 0.023181] Linux video capture interface: v2.00
[ 0.023217] pps_core: LinuxPPS API ver. 1 registered
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[0.023221] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[0.023231] PTP clock support registered
[0.023445] Advanced Linux Sound Architecture Driver Initialized.
[0.023731] Bluetooth: Core ver 2.18
[0.023746] NET: Registered protocol family 31
[0.023749] Bluetooth: HCI device and connection manager initialized
[0.023758] Bluetooth: HCI socket layer initialized
[0.023764] Bluetooth: L2CAP socket layer initialized
[0.023770] Bluetooth: SCO socket layer initialized
[0.024192] Switched to clocksource arch_sys_counter
[0.024202] cfg80211: Calling CRDA to update world regulatory domain
[0.028557] thermal thermal_zone0: failed to read out thermal zone 0
[0.028644] NET: Registered protocol family 2
[0.029046] TCP established hash table entries: 2048 (order: 1, 8192 bytes)
[0.029062] TCP bind hash table entries: 2048 (order: 2, 16384 bytes)
[0.029084] TCP: Hash tables configured (established 2048 bind 2048)
[0.029118] TCP: reno registered
[0.029124] UDP hash table entries: 256 (order: 1, 8192 bytes)
[0.029136] UDP-Lite hash table entries: 256 (order: 1, 8192 bytes)
[0.029266] NET: Registered protocol family 1
[0.029487] RPC: Registered named UNIX socket transport module.
[0.029491] RPC: Registered udp transport module.
[0.029495] RPC: Registered tcp transport module.
[0.029498] RPC: Registered tcp NFSv4.1 backchannel transport module.
[0.030104] futex hash table entries: 512 (order: 3, 32768 bytes)
[0.030449] bounce pool size: 64 pages
[0.030967] NFS: Registering the id_resolver key type
[0.030994] Key type id_resolver registered
[0.030999] Key type id_legacy registered
[0.031010] nfs4filelayout_init: NFSv4 File Layout Driver Registering...
[0.031144] SGI XFS with ACLs, security attributes, realtime, large block/inode numbers, no debug
enabled
[0.031462] msgmni has been set to 462
[0.032205] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 251)
[0.032213] io scheduler noop registered
[0.032231] io scheduler cfq registered (default)
[0.032466] brcm-gisb-arb f0400000.gisb-arb: registered mem: fc400000, irq: 258, 259
[0.032747] brcm-usb-phy f0470200.usb-phy: USB3.0 clock not found in Device Tree
[0.098470] brcmstb_memc f1102000.memc-ddr: registered
[0.098495] brcmstb_memc f1182000.memc-ddr: registered
[0.098695] Serial: 8250/16550 driver, 4 ports, IRQ sharing disabled
[0.099514] f040a900.serial: ttyS0 at MMIO 0xf040a900 (irq = 107, base_baud = 5062500) is a
16550A
[0.196111] console [ttyS0] enabled
[0.197368] loop: module loaded
[0.198007] ahci brcmstb-ahci.0: can't get clock
[0.198628] ahci brcmstb-ahci.0: SSS flag set, parallel bus scan disabled
[0.210205] ahci brcmstb-ahci.0: AHCI 0001.0300 32 slots 2 ports 6 Gbps 0x3 impl platform mode

[0.211201] ahci brcmstb-ahci.0: flags: 64bit ncq snth stag pm clo pmp slum part
[0.213846] scsi0 : ahci_platform
[0.214482] scsi1 : ahci_platform
[0.214988] ata1: SATA max UDMA/133 mmio [mem 0xf045a000-0xf045aa9b] port 0x100 irq 91
[0.215905] ata2: SATA max UDMA/133 mmio [mem 0xf045a000-0xf045aa9b] port 0x180 irq 91
[0.217342] spi_brcmstb f03e3400.spi: 1-lane output, 3-byte address
[0.218111] spi_brcmstb f03e3400.spi: master is unqueued, this is deprecated
[0.219261] m25p80 spi32766.0: found mx25l25635e, expected m25p80
[0.219969] spi_brcmstb f03e3400.spi: 1-lane output, 4-byte address
[0.220704] m25p80 spi32766.0: mx25l25635e (32768 Kbytes)
[0.221352] 5 ofpart partitions found on MTD device spi32766.0
[0.222021] Creating 5 MTD partitions on "spi32766.0":
[0.222620] 0x000000000000-0x000000200000 : "flash0.bolt"
[0.223721] 0x000000200000-0x000000220000 : "flash0.nvram"
[0.224763] 0x000000220000-0x000000240000 : "flash0.devtree"
[0.225819] 0x000000240000-0x000001000000 : "flash0.recovery"
[0.226883] 0x000000000000-0x000000200000 : "flash0"
[0.228154] libphy: Fixed MDIO Bus: probed
[0.228753] tun: Universal TUN/TAP device driver, 1.6
[0.229343] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[0.230378] bcmgenet f0b00000.ethernet: GENET 4.5 EPHY: 0x1001
[0.244197] libphy: bcmgenet MII bus: probed
[0.265065] xhci-brcm: xHCI BRCM driver
[0.265587] xhci-brcm f0471000.xhci_v2: xHCI Host Controller
[0.266256] xhci-brcm f0471000.xhci_v2: new USB bus registered, assigned bus number 1
[0.267440] xhci-brcm f0471000.xhci_v2: irq 149, io mem 0xf0471000
[0.268290] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[0.269070] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.269911] usb usb1: Product: xHCI Host Controller
[0.270480] usb usb1: Manufacturer: Linux 3.14-1.17-dm900 xhci-hcd
[0.271196] usb usb1: SerialNumber: f0471000.xhci_v2
[0.272091] hub 1-0:1.0: USB hub found
[0.272556] hub 1-0:1.0: config failed, hub doesn't have any ports! (err -19)
[0.273500] xhci-brcm f0471000.xhci_v2: xHCI Host Controller
[0.274160] xhci-brcm f0471000.xhci_v2: new USB bus registered, assigned bus number 2
[0.275191] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003
[0.275969] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.276810] usb usb2: Product: xHCI Host Controller
[0.277378] usb usb2: Manufacturer: Linux 3.14-1.17-dm900 xhci-hcd
[0.278087] usb usb2: SerialNumber: f0471000.xhci_v2
[0.278931] hub 2-0:1.0: USB hub found
[0.279390] hub 2-0:1.0: 2 ports detected
[0.280157] ehci-brcm: EHCI BRCM driver
[0.280688] ehci-brcm f0470300.ehci_v2: EHCI Host Controller
[0.281357] ehci-brcm f0470300.ehci_v2: new USB bus registered, assigned bus number 3
[0.292371] ehci-brcm f0470300.ehci_v2: irq 145, io mem 0xf0470300
[0.298202] ehci-brcm f0470300.ehci_v2: USB 2.0 started, EHCI 1.00
[0.299009] usb usb3: New USB device found, idVendor=1d6b, idProduct=0002
[0.299797] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.300631] usb usb3: Product: EHCI Host Controller
[0.301198] usb usb3: Manufacturer: Linux 3.14-1.17-dm900 ehci_hcd
[0.301907] usb usb3: SerialNumber: f0470300.ehci_v2
[0.302750] hub 3-0:1.0: USB hub found
[0.303209] hub 3-0:1.0: 1 port detected
[0.303852] ehci-brcm f0470500.ehci_v2: EHCI Host Controller
[0.304520] ehci-brcm f0470500.ehci_v2: new USB bus registered, assigned bus number 4
[0.315517] ehci-brcm f0470500.ehci_v2: irq 146, io mem 0xf0470500
[0.322197] ehci-brcm f0470500.ehci_v2: USB 2.0 started, EHCI 1.00
[0.323000] usb usb4: New USB device found, idVendor=1d6b, idProduct=0002
[0.323789] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.324622] usb usb4: Product: EHCI Host Controller
[0.325189] usb usb4: Manufacturer: Linux 3.14-1.17-dm900 ehci_hcd
[0.325897] usb usb4: SerialNumber: f0470500.ehci_v2
[0.326726] hub 4-0:1.0: USB hub found
[0.327177] hub 4-0:1.0: 1 port detected
[0.327875] ohci-brcm: OHCI BRCM driver
[0.328381] ohci-brcm f0470400.ohci_v2: BRCM OHCI controller
[0.329040] ohci-brcm f0470400.ohci_v2: new USB bus registered, assigned bus number 5
[0.335310] usb usb5: New USB device found, idVendor=1d6b, idProduct=0001
[0.386090] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.386924] usb usb5: Product: BRCM OHCI controller
[0.387492] usb usb5: Manufacturer: Linux 3.14-1.17-dm900 ohci_hcd
[0.388207] usb usb5: SerialNumber: f0470400.ohci_v2
[0.389054] hub 5-0:1.0: USB hub found
[0.389527] hub 5-0:1.0: 1 port detected
[0.390195] ohci-brcm f0470600.ohci_v2: BRCM OHCI controller
[0.390858] ohci-brcm f0470600.ohci_v2: new USB bus registered, assigned bus number 6
[0.391780] ohci-brcm f0470600.ohci_v2: irq 148, io mem 0xf0470600
[0.447299] usb usb6: New USB device found, idVendor=1d6b, idProduct=0001
[0.448079] usb usb6: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.448914] usb usb6: Product: BRCM OHCI controller
[0.449481] usb usb6: Manufacturer: Linux 3.14-1.17-dm900 ohci_hcd
[0.450196] usb usb6: SerialNumber: f0470600.ohci_v2
[0.451020] hub 6-0:1.0: USB hub found
[0.451487] hub 6-0:1.0: 1 port detected
[0.452179] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[0.452940] ehci-pci: EHCI PCI platform driver
[0.453495] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[0.454214] ohci-pci: OHCI PCI platform driver
[0.454841] usbcore: registered new interface driver usb-storage
[0.455542] i2c /dev entries driver
[0.455993] lirc_dev: IR Remote Control driver registered, major 250
[0.457041] brcmstb_thermal f04d1500.thermal: registered AVS TMON of-sensor driver
[0.458018] usbcore: registered new interface driver btusb
[0.458710] cpufreq_cpu0: failed to get cpu0 regulator: -19
[0.459528] brcmstb-cpufreq: probe of f03e257c.cpu-clk-div failed with error -17
[0.460455] sdhci: Secure Digital Host Controller Interface driver
[0.461163] sdhci: Copyright(c) Pierre Ossman

[0.461671] sdhci-pltfm: SDHCI platform and OF driver helper
[0.463426] mmc0: no vqmmc regulator found
[0.463900] mmc0: no vmmc regulator found
[0.494200] mmc0: SDHCI controller on f03e0000.sdhci [f03e0000.sdhci] using ADMA
[0.496104] mmc1: no vqmmc regulator found
[0.496583] mmc1: no vmmc regulator found
[0.527195] mmc1: SDHCI controller on f03e0200.sdhci [f03e0200.sdhci] using ADMA
[0.528138] hidraw: raw HID events driver (C) Jiri Kosina
[0.528852] usbcore: registered new interface driver usbhid
[0.529499] usbhid: USB HID core driver
[0.531932] TCP: cubic registered
[0.532939] NET: Registered protocol family 10
[0.533926] NET: Registered protocol family 17
[0.534674] Bluetooth: RFCOMM TTY layer initialized
[0.535258] Bluetooth: RFCOMM socket layer initialized
[0.535848] Bluetooth: RFCOMM ver 1.11
[0.536286] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[0.536895] Bluetooth: BNEP filters: protocol multicast
[0.537503] Bluetooth: BNEP socket layer initialized
[0.538073] Bluetooth: HIDP (Human Interface Emulation) ver 1.2
[0.538762] Bluetooth: HIDP socket layer initialized
[0.539381] l2tp_core: L2TP core driver, V2.0
[0.539900] Key type dns_resolver registered
[0.540469] Registering SWP/SWPB emulation handler
[0.541336] regulator-dummy: disabling
[0.542022] ALSA device list:
[0.542387] No soundcards found.
[0.542999] Waiting for root device /dev/mmcblk0p2...
[0.602837] mmc1: BKOPS_EN bit is not set
[0.609539] mmc1: new high speed MMC card at address 0001
[0.610365] mmcblk0: mmc1:0001 4FPD3R 3.64 GiB
[0.610987] mmcblk0boot0: mmc1:0001 4FPD3R partition 1 4.00 MiB
[0.611770] mmcblk0boot1: mmc1:0001 4FPD3R partition 2 4.00 MiB
[0.612538] mmcblk0rpbm: mmc1:0001 4FPD3R partition 3 512 KiB
[0.616735] mmcblk0: p1 p2 p3
[0.619672] mmcblk0boot1: unknown partition table
[0.620718] mmcblk0boot0: unknown partition table
[0.645666] EXT4-fs (mmcblk0p2): INFO: recovery required on readonly filesystem
[0.646517] EXT4-fs (mmcblk0p2): write access will be enabled during recovery
[0.693500] EXT4-fs (mmcblk0p2): recovery complete
[0.694631] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data mode. Opts: (null)
[0.695598] VFS: Mounted root (ext4 filesystem) readonly on device 179:2.
[0.697710] devtmpfs: mounted
x2 0.817907] random: systemd: uninitialized urandom read (16 bytes read, 56 bits of entropy available)
1 r0.825865] systemd[1]: systemd 230 running in system mode. (-PAM -AUDIT -SELINUX -IMA -APPARMOR -SMACK +SYSVINIT +UTMP -LIBCRYPTSETUP -GCRYPT +GNUTLS +ACL +XZ -LZ4 -SECCOMP +BLKID -ELFUTILS +KMOD -IDN)
[0.828229] systemd[1]: Detected architecture arm.

Welcome to opendreambox 2.5.0!

```
[ 0.831749] systemd[1]: Set hostname to <dm900>.

[ 0.845178] random: systemd: uninitialized urandom read (16 bytes read, 63 bits of entropy available)
[ 0.856468] systemd-fstab-generator[74]: Checking was requested for "rootfs", but it is not a device.
h r 0.862501] random: systemd-sysv-ge: uninitialized urandom read (16 bytes read, 64 bits of entropy available)
C 0.872514] random: systemd: uninitialized urandom read (16 bytes read, 67 bits of entropy available)
[ 0.873702] random: systemd: uninitialized urandom read (16 bytes read, 67 bits of entropy available)
[ 0.875007] random: systemd: uninitialized urandom read (16 bytes read, 67 bits of entropy available)
[ 0.876242] random: systemd: uninitialized urandom read (16 bytes read, 67 bits of entropy available)
[ 0.877533] random: systemd: uninitialized urandom read (16 bytes read, 67 bits of entropy available)
[ 0.883685] random: systemd: uninitialized urandom read (16 bytes read, 70 bits of entropy available)
[ 0.887613] random: systemd: uninitialized urandom read (16 bytes read, 70 bits of entropy available)
h v0.954236] systemd[1]: Listening on Journal Socket.
[ OK ] Listening on Journal Socket.
[ 0.957659] systemd[1]: Created slice System Slice.
[ OK ] Created slice System Slice.
[ 0.960503] systemd[1]: Listening on udev Control Socket.
[ OK ] Listening on udev Control Socket.
[ 0.963277] systemd[1]: Reached target Host and Network Name Lookups.
[ OK ] Reached target Host and Network Name Lookups.
[ 0.966300] systemd[1]: Listening on Journal Socket (/dev/log).
[ OK ] Listening on Journal Socket (/dev/log).
[ 0.970428] systemd[1]: Starting Generate environment for enigma2...
    Starting Generate environment for enigma2...
[ 0.974485] systemd[1]: Starting Setup Virtual Console...
    Starting Setup Virtual Console...
[ 0.977711] systemd[1]: Starting Journal Service...
    Starting Journal Service...
[ 0.987427] systemd[1]: Starting Load Kernel Modules...
    Starting Load Kernel Modules...
[ 0.989089] systemd[1]: Created slice User and Session Slice.
[ OK ] Created slice User and Session Slice.
[ 0.992327] systemd[1]: Reached target Slices.
[ OK ] Reached target Slices.
[ 0.995564] systemd[1]: Mounting POSIX Message Queue File System...
    Mounting POSIX Message Queue File System...
```

```
[ 0.998400] systemd[1]: Listening on udev Kernel Socket.
[ OK ] Listening on udev Kernel Socket.
[ 1.001936] systemd[1]: Reached target Swap.
[ OK ] Reached target Swap.
[ 1.004928] systemd[1]: Created slice system-serial\x2dgetty.slice.
[ OK ] Created slice system-serial\x2dgetty.slice.
[ 1.009520] systemd[1]: Set up automount data.automount.
[ OK ] Set up automount data.automount.
[ 1.019018] systemd[1]: Starting Create list of required static device nodes for the current kernel...
    Starting Create list of required st... nodes for the current kernel...
[ 1.023314] systemd[1]: Reached target Paths.
[ OK ] Reached target Paths.
[ 1.027066] systemd[1]: Starting Remount Root and Kernel File Systems...
    Starting Remount Root and Kernel File Systems...
[ 1.032879] systemd[1]: Mounted POSIX Message Queue File System.
[ OK ] Mounted POSIX Message Queue File System.
[ 1.037171] systemd[1]: Started Setup Virtual Console.
[ OK ] Started Setup Virtual Console.
[ 1.050301] stb_core: module license 'Proprietary' taints kernel.
[ 1.051011] Disabling lock debugging due to kernel taint
[ 1.061364] systemd[1]: Started Create list of required static device nodes for the current kernel.
[ OK ] Started Create list of required sta...ce nodes for the current kernel.
[ 1.093347] input: dreambox remote control (native) as /devices/virtual/input/input0
[ 1.094594] input: dreambox advanced remote control (native) as /devices/virtual/input/input1
[ 1.102456] systemd[1]: Started Generate environment for enigma2.
[ OK ] Started Generate environment for enigma2.
[ 1.107672] EXT4-fs (mmcblk0p2): re-mounted. Opts: (null)
[ 1.110962] systemd[1]: Started Remount Root and Kernel File Systems.
[ OK ] Started Remount Root and Kernel File Systems.
[ 1.117763] systemd[1]: Starting udev Coldplug all Devices...
    Starting udev Coldplug all Devices...
[ 1.122460] systemd[1]: Starting Create Static Device Nodes in /dev...
    Starting Create Static Device Nodes in /dev...
[ 1.148676] systemd[1]: Started Journal Service.
[ OK ] Started Journal Service.
    Starting Flush Journal to Persistent Storage...
e 1.215223] random: nonblocking pool is initialized
b
0;32m OK ] Started Create Static Device Nodes in /dev.
[ OK ] Reached target Local File Systems (Pre).
    Mounting /var/volatile...
    Mounting /tmp...
    Starting udev Kernel Device Manager...
[f0;32m OK ] Mounted /var/volatile.

[[0;32m OK ] Started udev Coldplug all Devices.
[ OK ] Mounted /tmp.
[ 1.277164] systemd-journald[82]: Received request to flush runtime journal from PID 1
[ OK ] Started Flush Journal to Persistent Storage.
```

[OK] Reached target Local File Systems.
Starting Create Volatile Files and Directories...

[Starting Load/Save Random Seed...
n
OK] Started Load/Save Random Seed.
OK] Started Create Volatile Files and Directories.

i Starting RPC bind portmap service...
v s Starting Update UTMP about System Boot/Shutdown...
re 1.358512] bcm7439: xvd 20160630, vdc 20160630, rap 20160630, xpt 20160630, driver version
20181002-dm900
ed[0;32m OK] Started Update UTMP about System Boot/Shutdown.

[OK] Started RPC bind portmap service.
[OK] Reached target Remote File Systems (Pre).
[OK] Reached target Remote File Systems.
[OK] Started udev Kernel Device Manager.

n OK] Found device /dev/ttyS0.
th[0;32m OK] Found device /dev/tpm0.
5 5 1.974517] 1:974332124 SMCB: controller reset timed out
73[0;32m OK] Found device /dev/sci0.

n v 2.361696] register adapter
[2.362321] register adapter
[2.362848] register adapter
[2.363394] register adapter
[2.363907] register adapter
[2.365098] swd: status is 0, pls check
[2.365573] swd: cannot init port
[2.365962] ble module not found
[2.366345] FP did not respond
[2.366864] input: dreambox front panel as /devices/virtual/input/input2
[2.371798] HDMI: CEC start ... state is now 1
[2.372701] set input to 0
[2.373023] set fb to 2(-1)
[2.375279] startvideomode '2160p25' read from /etc/videomode
[2.376255] bcmfb: creating surface with pixel format 0x07e48888 (BPXL_eA8_R8_G8_B8)
F 2.410875] HDMI: now connected
12 2.447510] HDMI: CEC Physical Addr 1.0.0.0 set from EDID
[2.448133] HDMI: EDID read ok
[2.448507] HDMI: initial mode set!
[2.448913] using 25.00Hz as MonitorRefreshRate
[2.449450] SET FORMAT: display[0], format='2160p25'
[2.450025] HDMI mode
[2.450298] use EDID to detect colorspace
[2.450760] preferred colorspace: Itu_R_BT_2020_NCL
[2.451327] using 8bit output
ov 2.594301] HDMI: CEC use logical address 3
[2.594841] HDMI: CEC init completed... state is now 3!

[2.628225] ata1: SATA link up 6.0 Gbps (SStatus 133 SControl 300)

```
[ 2.630140] ata1.00: ATA-8: HGST HTS721010A9E630, JB00A3U0, max UDMA/133
[ 2.630989] ata1.00: 1953525168 sectors, multi 16: LBA48 NCQ (depth 31/32)
[ 2.633086] ata1.00: configured for UDMA/133
[ 2.633884] scsi 0:0:0:0: Direct-Access ATA HGST HTS721010A9 JB00 PQ: 0 ANSI: 5
[ 2.635561] sd 0:0:0:0: [sda] 1953525168 512-byte logical blocks: (1.00 TB/931 GiB)
[ 2.636472] sd 0:0:0:0: [sda] 4096-byte physical blocks
[ 2.638832] sd 0:0:0:0: [sda] Write Protect is off
[ 2.640295] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or
FUA
l b 2.686513] sda: sda1 sda2
[ 2.688063] sd 0:0:0:0: [sda] Attached SCSI disk
s , 2.734110] HDMI: CEC send ok!
. 6 2.748209] ata2: SATA link down (SStatus 0 SControl 300)
16 2.909882] VIDEO0: enable deinterlacer
[ 2.910561] VIDEO0: set fallback framerate to 60000
[ 2.911354] VIDEO0: set progressive override mode to 1
[ 2.911949] VIDEO0: set streamtype!
[ 2.912373] -> set MPEG2
[ 2.912717] -> sw rave disabled!
n 2.997620] VIDEO1: set fallback framerate to 60000
[ 2.998235] VIDEO1: set progressive override mode to 1
[ 2.998829] VIDEO1: set streamtype!
[ 2.999256] -> set MPEG2
[ 2.999601] -> sw rave disabled!
it 3.035662] VIDEO2: set fallback framerate to 60000
[ 3.036269] VIDEO2: set progressive override mode to 1
[ 3.036863] VIDEO2: set streamtype!
[ 3.037282] -> set MPEG2
[ 3.037626] -> sw rave disabled!
[ 3.050500] set ac3 to downmix
[ 3.050865] set wmapro to downmix
[ 3.051283] set ac3plus to use_hdmi_caps
[ 3.051746] set dtshd to force_dts
[ 3.052143] set aac to downmix
[ 3.052863] audio ch2: add stereo (background decoder) input to mixer DUMMY2
[ 3.053729] audio ch1: add stereo (hdmi-rx) input to mixer DUMMY
[ 3.054720] DVB: registering new adapter (BCM7439)
[ OK ] Found device /dev/dvb/adapter0/ca0.
[ OK ] Found device HGST HTS721010A9E630 dreambox-storage.
[ OK ] Found device /dev/dvb/adapter0/demux0.
Mounting /media/hdd...
n 3.177271] autodetecting NIMs...
7 OK ] Found device /dev/dvb/adapter0/video0.
Starting Dreambox Bootlogo...
[ OK ] Started Dreambox Bootlogo.
[ 3.253865] VIDEO0: set blank to 0
[ 3.204464] sync0 is off so we enable it
[ 3.204919] sync0: allocated pccoffset 0
[ 3.205422] sync0: playback!
```

```
[ 3.205774] VIDEO0: total delay: 0 (0 ms)
[ 3.211142] VIDEO0: start decode
[ 3.211559] VIDEO0: flush video decoder
[ 3.212005] VIDEO0 got pts failed !!!! (ret 0)
[ 3.227364] VIDEO0: first pts 0x0
[ 3.227768] VIDEO0: EOTF changed to SDR
[ 3.228218] VIDEO0: framerate changed 3
[ 3.228664] VIDEO0: resolution changed (1280 720)
[ 3.229209] VIDEO0: aspect changed 3
[ 3.229724] set current avs auto aspect to 16:9
[ 3.230287] set current avs auto aspect to 16:9
[ 3.230830] set sb to 3(1)
[ ] 3.368896] VIDEO0: stop decode
[ 3.369282] sync0 1fff no decoder left in sync handling so disable
[ 3.369992] sync0: was last pcrffset0 user so free it
li 3.597338] EXT4-fs (sda1): recovery complete
[ 3.597861] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)
[ OK ] Mounted /media/hdd.
m 3.626468] HDMI: SDCD Event
t. 3.689198] Found: Slot 0, ID: 19 (by CA)
[ 3.689664] Initializing adapter 0 (Si2166B-DVB-S2)
[ 3.692009] fe_common: retrying i2c transfer at adapter 4 (0xa)
[ 3.693402] (NULL device *): DVB: registering adapter 0 frontend 0 (Si2166B)...
[ 3.694426] Initializing adapter 1 (Si2166B-DVB-S2)
[ 3.698150] (NULL device *): DVB: registering adapter 0 frontend 1 (Si2166B)...
[ 3.699699] init ALSA!
[ 3.700740] registered vtuner misc/vtuner0, minor 50
[ 3.701627] registered vtuner misc/vtuner1, minor 49
[ 3.702467] registered vtuner misc/vtuner2, minor 48
[ 3.703175] registered vtuner misc/vtuner3, minor 47
[ 3.703811] HDMI-RX: init
[ 3.704945] HDMI-RX: no device attached
[ 3.705470] HDMI-RX: video format change event
[ 3.705991] HDMI-RX: hdmi packet status stopped
[ 3.706539] HDMI-RX: hdmiInput0 Receiving DVI format
[ 3.707137] HDMI-RX: hdmiInput0 Color Space change from " to "
[ 3.707901] HDMI-RX: init done
[ 3.708286] bcm_vce_init()
[ 3.708605] bcm_vce_init() 0
[ 3.710340] CI stopped...
[ OK ] Reached target Sound Card.
[ 3.733015] vice0: allocate output buffers
[ 3.741306] input: dreambox ir keyboard as /devices/virtual/input/input3
[ 3.742592] input: dreambox ir mouse as /devices/virtual/input/input4
[ 3.746471] ble init (0)
[ 3.747103] input: dreambox remote control (bluetooth le) as /devices/virtual/input/input5
[ 3.756871] fuse init (API version 7.22)
[ 3.773497] Installing knfsd (copyright (C) 1996 okir@monad.swb.de).
[ OK ] Started Load Kernel Modules.
```

```
Mounting FUSE Control File System...
Starting Apply Kernel Variables...
[ OK ] Mounted FUSE Control File System.
[ OK ] Started Apply Kernel Variables.
[ OK ] Reached target System Initialization.
[ 3.804613] HDMI: CEC recv ok!
[ OK ] Listening on busybox-telnetd.socket.
[ OK ] Listening on D-Bus System Message Bus Socket.
[ OK ] Started Daily Cleanup of Temporary Directories.
[ OK ] Reached target Timers.
32m OK ] Started Connection service.
[ OK ] Reached target Network./DNS-SD Stack Activation Socket.
Starting Samba NMB Daemon...
45[0;32m OK ] Started NFS status monitor for NFSv2/3 locking..
] F Starting Wait for network to be configured by ConnMan...
3 2 Starting WPA supplicant...ocket.
4 Starting Hostname Service....socket.
gi 4.273207] f0b00000.etherne:01: Broadcom BCM7439 (2) PHY revision: 0x10, patch: 1 ] Reached
target Sockets.
[ 4.276064] f0b00000.ethernet: configuring instance for internal PHY
[ 4.276912] IPv6: ADDRCONF(NETDEV_UP): eth0: link is not ready
ea[0;32m OK ] Started tpm.service.
t/[0;32m OK ] Started WPA supplicant.ck...
s0;32m OK ] Started Hostname Service.
[;32m OK ] Started dbttcd.service.s.
] 4.904428] HDMI: CEC recv ok!stop fuse....
m / 5.479799] si2166b(0): voltage is disabled now
[ 5.481669] si2166b(0): voltage is disabled now
[ 5.484050] si2166b(1): voltage is disabled now
[ 5.485787] si2166b(1): voltage is disabled now
[ 5.493237] HDMI: CEC device open ... state is 3, flushed 2 old messages from RX fifoK ] Started
LSB: Start and stop fuse..
[ 5.494261] HDMI: CEC set devtype to 0
[ 5.494702] HDMI: CEC start ... state is now 1
[ 5.495255] HDMI: CEC returned state 1
[ 5.495689] HDMI: CEC state now 801
r 5.558180] HDMI: CEC use logical address 3
[ 5.558708] HDMI: CEC init completed... state is now 3!
i a 5.587680] bcmfb: creating surface with pixel format 0x07c68888 (BPXL_eA8_B8_G8_R8)
] 5.694979] HDMI: CEC send ok!
t 5.764735] HDMI: CEC recv ok!
0] 5.815591] 0 ms:
5.848797] libphy: f0b00000.etherne:01 - Link is Up - 100/Full
[ 5.849534] IPv6: ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
[ 5.851461] 36 ms: 0
13 5.861394] 10 ms: 0
0 05.864872] 3 ms: 0
[0;32m OK ] Started Wait for network to be configured by ConnMan.
[ OK ] Reached target Network is Online.
```

```
Starting Automounts filesystems on demand...
[a[0;32m OK ] Started Newnigma2 eDaemon.
te[0;32m OK ] Started Automounts filesystems on demand.
: n 6.452408] 588 ms: 0
b 6.490109] 37 ms: 99
or 6.496167] 5 ms: 99
[ 6.497324] 1 ms: 99
0 ] 6.503842] 6 ms: 99
ta 6.632430] 128 ms: 99
41 6.655492] 23 ms: 99
[ 6.658335] 3 ms: 99
[ 6.659478] 1 ms: 99
[ 6.660719] 1 ms: 99
] 7.577466] 917 ms: 99
[ 7.578759] 1 ms: 99
: 7.629662] 51 ms: 99
[ 7.630817] 1 ms: 99
l 07.651017] 20 ms: 99
r d 7.693816] 42 ms: 99
[ 7.694991] 1 ms: 99
[ 7.698417] 3 ms: 99
[ 7.699551] 1 ms: 99
[ 7.700715] 1 ms: 99
[l 7.705458] 5 ms: 99
E : 7.712074] 6 ms: 99
te Starting Dreambox Live Stream Server...
e o 7.777112] change audioenc bitrate to 256000 bits/s
[ 7.779528] vice0: change videoenc bitrate to 6000000 bits/s
[ 7.780317] change audioenc bitrate to 128000 bits/s
[ 7.791659] vice0: change gop length to 0ms
[ 7.792313] vice0: allow new gop on new scene off
[ 7.792859] vice0: change open gop to off
[ 7.793434] vice0: change p-frames to 4
[ 7.793880] vice0: change b-frames to 2
[ 7.794471] vice0: change to 0 slices per pic
[ 7.795046] vice0: change h264 profile to main
[ 7.795673] vice0: change h264 level to 3.1
[ OK ] Started Dreambox Live Stream Server.
Mounting /data...
5 7 7.882072] EXT4-fs (mmcblk0p3): recovery complete
[ 7.882673] EXT4-fs (mmcblk0p3): mounted filesystem with ordered data mode. Opts: (null)
[ OK ] Mounted /data.
K .951841] 239 ms: 99
[ 7.953059] 1 ms: 99
[ 7.956394] 3 ms: 99
[0 7.998485] 42 ms: 99
/d 8.005381] 7 ms: 99
[ 8.009980] 4 ms: 99
[ 8.011098] 0 ms: 99
```

```
[ 8.012540] 1 ms: 99
[ 8.017103] 4 ms: 99
e / 8.385934] 368 ms: 99
  8.403888] 17 ms: 99
oo 8.625889] 8:625693918 SMCB: invalid ioctl: 0x0000540b
[ 8.710802] 8:710608315 SMCB: invalid ioctl: 0x0000540b
is 9.387809] 984 ms: 99
  3 9.407365] 20 ms: 99
[ 9.408530] 1 ms: 99
[ 9.420983] 12 ms: 99
[ 9.422120] 0 ms: 99
[ 9.423391] 1 ms: 99
[ 9.425805] 2 ms: 99
[ 9.429579] 4 ms: 99
[ 9.437376] 8 ms: 99
[ 9.438585] 1 ms: 99
  t 9.485308] 47 ms: 99
[ 9.580806] 95 ms: 99
[ 9.583563] set input to 0
[ 9.583883] set fb to 2(-1)
[ 9.584374] set current avs auto aspect to 16:9
[ 9.584920] set sb to 3(1)
[ 9.585944] set ac3 to downmix
[ 9.586797] set ac3plus to use_hdmi_caps
[ 9.589875] using 25.00Hz as MonitorRefreshRate
[ 9.590444] VIDEO1: shared window not available
[ 9.591078] SET FORMAT: display[0], format='2160p25'
[ 9.591681] HDMI mode
[ 9.591950] use EDID to detect colorspace
[ 9.592451] preferred colorspace: Itu_R_BT_2020_NCL
[ 9.593013] using 8bit output
  3 9.831025] VIDEO1: shared window not available
[ 9.831755] set current avs auto aspect to 16:9
[ 9.833003] set sb to 3(1)
64
  8]endreambox 2.5.0 dm900 ttyS0

dm900 login: , 10.031040] using 25.00Hz as MonitorRefreshRate
[ 10.031640] VIDEO1: shared window not available
[ 10.032228] SET FORMAT: display[0], format='2160p25'
[ 10.032808] HDMI mode
[ 10.033074] use EDID to detect colorspace
[ 10.033557] preferred colorspace: Itu_R_BT_2020_NCL
[ 10.034120] using 8bit output
gi 10.270996] VIDEO1: shared window not available
[ 10.271625] set current avs auto aspect to 16:9
[ 10.272222] set sb to 3(1)
[ 10.273021] 692 ms: 99
[ s 10.276159] 2 ms: 99
```


10.279760] 3 ms: 99
v u 10.318336] 39 ms: 99
4 10.322219] 4 ms: 99
t 13.511541] set current avs auto aspect to 16:9
[13.512088] set sb to 3(1)
[13.512685] set current avs auto aspect to 16:9
[13.513367] set sb to 3(1)
[13.513776] set current avs auto aspect to 16:9
[13.514444] set sb to 3(1)
[13.515958] set current avs auto aspect to 16:9
[13.516575] set sb to 3(1)
[13.516967] set current avs auto aspect to 16:9
[13.517621] set sb to 3(1)
[13.518004] set current avs auto aspect to 16:9
[13.518550] set sb to 3(1)
[13.519457] set current avs auto aspect to 16:9
[13.519991] set sb to 3(1)
[13.520408] set current avs auto aspect to 16:9
[13.520940] set sb to 3(1)
[13.521337] set current avs auto aspect to 16:9
[13.521867] set sb to 3(1)
[13.522696] set current avs auto aspect to 16:9
[13.523246] set sb to 3(1)
[13.523630] set current avs auto aspect to 16:9
[13.524168] set sb to 3(1)
[13.525642] set current avs auto aspect to 16:9
[13.526211] set sb to 3(1)
[13.526619] set current avs auto aspect to 16:9
[13.527151] set sb to 3(1)
[13.527568] set current avs auto aspect to 16:9
[13.528099] set sb to 3(1)
2 15.058306] systemd-fstab-generator[383]: Checking was requested for "rootfs", but it is not a device.
15.485529] 5163 ms: 99
!15.490332] 5 ms: 99
L 21.233555] 5743 ms: 99
d. 21.407524] 174 ms: 99
0] 21.420452] set mute 0 1
21.421390] 14 ms: 99
; 2 21.426358] 5 ms: 99
a y22.162887] dvb_demux_feed_del: feed not in list (type=0 state=0 pid=ffff)
[22.163876] start PCR0 on dmx 0 pid:12d index 2
[22.165354] si2166b(0): voltage is 18V now
[22.165916] start AUDIO0 on dmx 0 pid:12f index 1
[22.166474] audio ch0: xpt start
[22.166850] audio ch0: reset GA threshold to 8ms
[22.167403] sync0 is off so we enable it
[22.167857] sync0: allocated pcrffset 0
[22.168324] sync0: demux-index 0 pcr pid 12d

[22.168826] sync0: using 2 as pcr pidchannel
[22.169350] audio ch0: MPEG
[22.169680] audio ch0: streamtype set 0
[22.170122] audio ch0: streamtype_set: stop rave
[22.170692] audio ch0: add stereo input to mixer DAC
[22.171290] audio ch0: add stereo input to mixer SPDIF
[22.171889] audio ch0: add stereo input to mixer MAI
[22.172478] audio ch0: mai sample rate changed isr (48000)
[22.173128] audio ch0: streamtype_set: restart rave
[22.173810] audio ch0: decoder start
[22.174238] audio ch0: video delay 0 (0 ms)
[22.174721] VIDEO0: total delay: 0 (0 ms)
[22.175878] start VIDEO0 on dmx 0 pid:12d index 2
[22.176470] VIDEO0: total delay: 0 (0 ms)
[22.181980] VIDEO0: start decode
[22.187689] HDMI: CEC returned state 3
[22.188127] HDMI: CEC state now 803
[22.190862] si2166b(0): tune freq 1587500, sr 27500000, delsys 5
[22.239439] si2166b(0): found carrier after 50 ms
[22.239994] si2166b(0): final lock after 50 ms
o 22.279320] audio ch0: first pts 0x72b52210, stc 0x72b50c02, pcr valid
Se 22.301382] audio ch0: lock
[22.301736] audio ch0: sample rate changed isr (48000)
t :22.386754] audio ch0: status ready isr
n g22.804082] VIDEO0: first pts 0x72b63290
[22.804577] VIDEO0: resolution changed (720 576)
e d 22.954266] VIDEO0: enable tsm
p .23.184046] VIDEO0: progressive changed (0)
pp 23.483556] HDMI: CEC send ok!
t 23.602257] HDMI: CEC send ok!
[23.679840] HDMI: CEC send ok!
423.743141] HDMI: CEC send ok!
[23.745572] dvb_demux_feed_del: feed not in list (type=0 state=0 pid=ffff)
lt 23.887992] HDMI: CEC rcv ok!
0 24.025481] HDMI: CEC sens ok!
n w 24.148029] HDMI: CEC send ok!
t g 24.783082] HDMI: CEC send ok!
] H 24.854584] HDMI: CEC rcv ok!
s 25.027953] HDMI: CEC rcv ok!
f 25.165447] HDMI: CEC send ok!
t5.261776] HDMI: CEC send ok!
C25.447963] HDMI: CEC rcv ok!
[425.449910] HDMI: CEC set devtype to 1
[25.450376] HDMI: CEC start ... state is now 1
[D 25.454323] HDMI: CEC returned state 1
[25.454764] HDMI: CEC state now 801
s n 25.521328] HDMI: CEC use logical address 4
[25.521832] HDMI: CEC init completed... state is now 3!
4]5.525275] HDMI: CEC returned state 3

[2E.525713] HDMI: CEC state now 803

25.661117] HDMI: CEC send ok!
he 25.729327] HDMI: CEC send ok!
25.797525] HDMI: CEC send ok!
_C 25.939212] HDMI: CEC send ok!

26.007413] HDMI: CEC send ok!
1 426.075606] HDMI: CEC send ok!
: 0 26.192811] HDMI: CEC send ok!
i 26.334510] HDMI: CEC send ok!
Co 26.402713] HDMI: CEC send ok!
ed 26.579057] HDMI: CEC recv ok!
27.132460] HDMI: CEC recv ok!
27.269967] HDMI: CEC send ok!
S 27.439306] HDMI: CEC recv ok!
m 27.797314] HDMI: CEC send ok!
es 28.044362] HDMI: CEC send ok!
5 28.326263] HDMI: CEC recv ok!
9 [28.439268] HDMI: CEC send ok!
4 7 29.455766] HDMI: CEC recv ok!
m 29.568764] HDMI: CEC send ok!
[0.786070] HDMI: CEC recv ok!
83 30.899065] HDMI: CEC send ok!
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