

kernel parameters

3lapp

ketnel parameter	filename	iPad import compatible
3lapp=dcf_type1	AMBV####	yes
3lapp=dcf_type2	MMDD_####	no
3lapp=dcf_type3	MMDDHHMM_####	no
3lapp=dcf_type4	YYYYMMDD_####	no
3lapp=dcf_type7	YYYYMMDDHHMMSS_####	no
3lapp=dcf_type51	20160319170540_sn6789_####	no
3lapp=dcf_type52	20160319170540_sn6789_pm0123_####	no
3lapp=dcf_type61	sn6789_20160319165523_####	no
3lapp=dcf_type62	sn6789_pm0123_YYYYMMDDHHMMSS_####	no

record_fmt

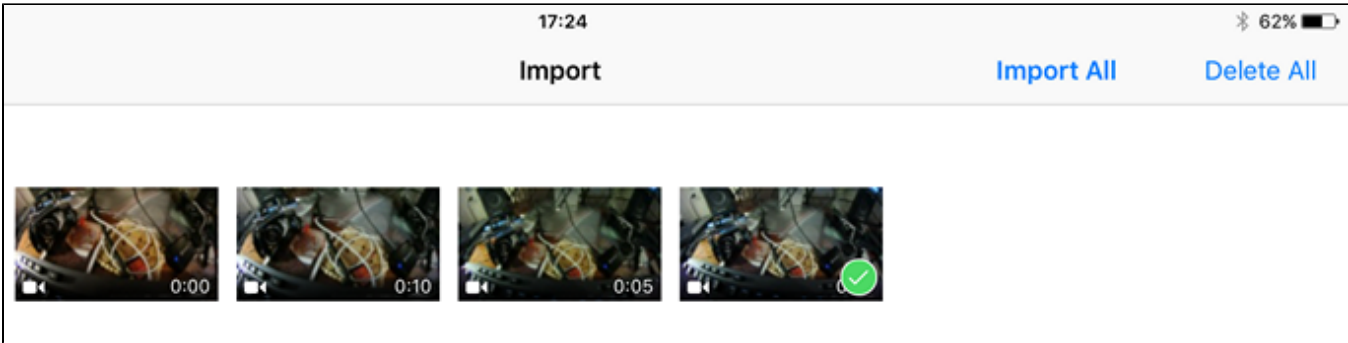
ts_ac3	?
ts_lpcm	?
mov_adpcm	?
mov_aac	?
ts_aac	?

record_fmt

mov_aac AV record format - Video: MOV / Audio: AAC
mov_adpcm AV record format - Video: MOV / Audio: ADPCM
ts_aac AV record format - Video: TS / Audio: AAC
ts_ac3 AV record format - Video: TS / Audio: AC3
ts_lpcm AV record format - Video: TS / Audio: LPCM
avi_aac AV record format- Video: AVI / Audio: AAC
avi_ac3 AV record format - Video: AVI / Audio: AC3
avi_adpcm AV record format - Video: AVI / Audio: ADPCM
3gp_aac record_3gp AV record format - Video: 3GP / Audio: AAC
Fujimov_pcm AV record format - Video: FUJIMOV / Audio: PCM

iPad files import

in all frame rates and resolutions

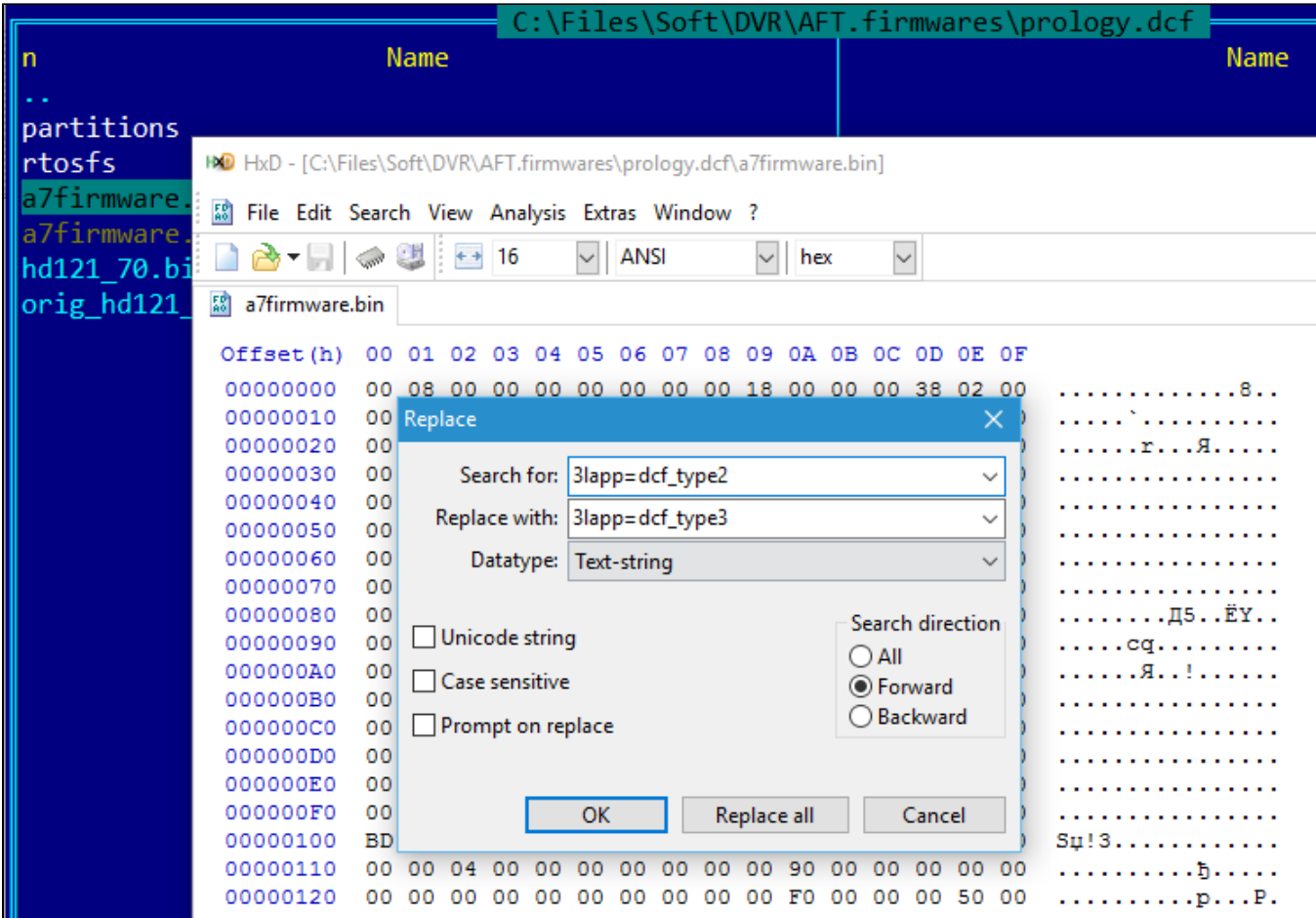


c_dcf

enabled	creates folder EVENT and NORMAL

To change kernel parameter

- 1. hex editor search and replace
- 2. Open in AFT. Compile to recreate CRC
- 3. Flash to DVR



HxD - [C:\Files\Soft\DVR\AFT.firmwares\prology.dcf\ a7firmware.bin]

File Edit Search View Analysis Extras Window ?

16 ANSI hex

t.bin a7firmware.bin

Offset (h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	
00000210	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000220	00	00	00	00	67	70	73	5F	70	6F	77	65	72	5F	6D	65	gps_power_me
00000230	6E	75	3D	6F	6E	20	6F	73	64	3D	74	76	5F	66	75	6C	nu=on osd=tv_ful
00000240	6C	20	33	6C	61	70	70	3D	64	63	66	5F	74	79	70	65	1 3lapp=dcf_type
00000250	31	20	63	5F	64	63	66	3D	65	6E	61	62	6C	65	20	72	1 c_dcf=enable r
00000260	65	63	6F	72	64	5F	66	6D	74	3D	6D	6F	76	5F	61	61	ecord_fmt=mov_aa
00000270	63	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	d
00000280	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000290	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	

Offset: 271 * Modified * Overwrite

Ambarella Firmware Toolbox 1.3.3

Open Partitions ROM/RFS Build Editors ?

Firmware information

	BST	BLD	HAL	PRI
Start	00000800	000		
End	00001100	000		
CRC32	DF0B0A9E	411		
Version	1.3			
Date	19.3.2016	19.		
Length	00000800	000		
Memory	00000000	C00		
Flag	01			
Magic	A324EB90	A32		

Log

[DEBUG] 0.0

[DEBUG] 0.00.0

Look In: prology.dcf

- partitions
- rtosfs
- a7firmware.bin
- hd121_70.bin
- orig_hd121_70.bin

Load A7 firmware

Ambarella Firmware Toolbox 1.3.3

Open Partitions ROM/RFS Build Editors ? [Commercial use is prohibited]

Firmware information

	BST	BLD	HAL	PRI	RFS	DSP
Start	00000800	00001800	00023800	00036000	00720000	00DF1800
End	00001100	000235C4	000359A8	0071F104	00DF1100	011F2100
CRC32	DF0B0A9E	1CEF45EF	ED301718	DE3133A3	6D4F4128	6F99EACB
Version	1.3	1.3	5.1	0.1	2.0	0.1
Date	19.3.2016	19.3.2016	19.3.2016	19.3.2016	19.3.2016	19.3.2016
Length	00000800	00021CC4	000120A8	006E9004	006D1000	00400800
Memory	00000000	C0000000	C00A0000	C0100000	00000000	C82FFFB0
Flag	01	00	00	00	01	00
Magic	A324EB90	A324EB90	A324EB90	A324EB90	A324EB90	A324EB90

Firmware update