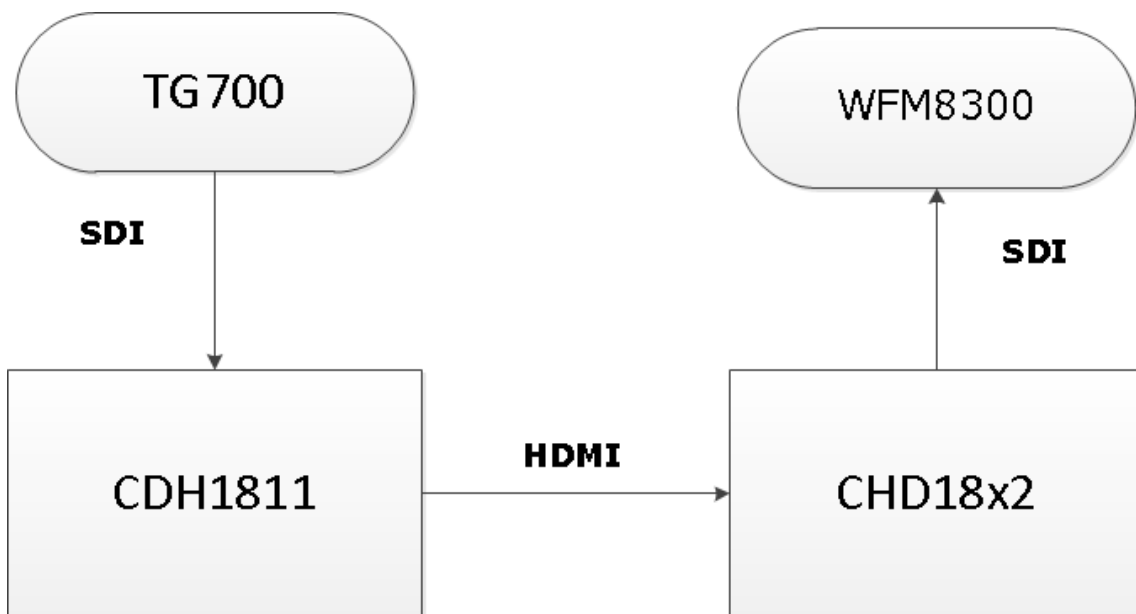


Processing Delays CDH1811 CHD18x2



Please note:

- All processing and audio - video - delays are measured in total of both modules CDH1811 and CHD18x2.
- AV measurement inaccuracy varies between -1ms and 1 ms.
- The 539 lines delay of the inputs 1080psF 23.97 and 1080psF 24 is caused by the psF to p conversion of the CDH1811.

CDH1811 > CHD1802 / CHD1812 (HDMI Lock)

SDI Input	Delay-V	Delay-H	AV-Delay[ms]
625i 50	0 line	19.481 us delayed	4
525i 59.94	0 line	18.741 us delayed	4
1080i 50	0 line	12.040 us delayed	4
720p 50	0 line	11.744 us delayed	4
1080p 25	0 line	12.027 us delayed	3
720p 25	0 line	12.027 us delayed	3
1080i 59.94	0 line	6.080 us delayed	4
720p 59.94	0 line	7.307 us delayed	4
1080p 29.97	0 line	6.094 us delayed	4
720p 29.97	0 line	6.094 us delayed	4
1080i 60	0 line	6.088 us delayed	4
720p 60	0 line	7.327 us delayed	4
1080p 30	0 line	6.074 us delayed	4
720p 30	0 line	6.074 us delayed	4
1080p 24	0 line	13.481 us delayed	3
1080p 23.97	0 line	13.495 us delayed	2
1080psF 23.97	539 lines advanced	12.349 us advanced	-17
1080psF 24	539 lines advanced	12.337 us advanced	-17
1080p 50	0 line	6.047 us delayed	3
1080p 60	0 line	3.111 us delayed	4
1080p 59.94	0 line	3.101 us delayed	4

CDH1811 > CHD1812 (Reference Lock)

SDI Input	Delay-V	Delay-H	AV-Delay[ms]
625i 50	0 line	0 us delayed	-1
525i 59.94	0 line	0.074us delayed	0
1080i 50	0 line	0.013 us delayed	-1
720p 50	0 line	0.013 us delayed	0
1080p 25	0 line	0.013 us delayed	0
720p 25	0 line	0.013 us delayed	0
1080i 59.94	0 line	0.013 us delayed	0
720p 59.94	0 line	0 us delayed	-1
1080p 29.97	0 line	0.027 us delayed	0
720p 29.97	0 line	0.027 us delayed	0
1080i 60	0 line	0 us delayed	0
720p 60	0 line	0.013 us delayed	-1
1080p 30	0 line	0.013 us delayed	0
720p 30	0 line	0.013 us delayed	0
1080p 24	0 line	0.013 us delayed	0
1080p 23.97	0 line	0.013 us delayed	-2
1080psF 23.97	0 line	0.013 us delayed	-1
1080psF 24	0 line	0.013 us delayed	2
1080p 50	0 line	0.013 us delayed	0
1080p 60	0 line	0.013 us delayed	-1
1080p 59.94	0 line	0.027 us delayed	0