

Which video delay do you need?

	ViViD 3G	ViViD 3GS	ViViD 3G-20	ViViD 3GS-20	ViViD HD-40	AVDELAY 3G
Works with SD	●	●	●	●	●	●
Works with HD	●	●	●	●	●	●
Works with 3Gb/s	●	●	●	●		●
Maximum SD delay (in seconds)	5.5 secs (625 line) 4.5 secs (525 line)	5.5 secs (625 line) 4.5 secs (525 line)	110 secs (625 line) 91 secs (525 line)	110 secs (625 line) 91 secs (525 line)	238 secs	10.2 secs (625 line) 8.5 secs (525 line)
Maximum SD delay (in frames)	137 frames	137 frames	2750 frames	2750 frames	5950 frames (625 line) 7132 frames (525 line)	255 frames (625 line) 255 frames (525 line)
Minimum SD delay	3 lines	3 lines	3 lines	3 lines	46us	1 frame
Maximum HD delay (in seconds)	1 sec (1080i50, 720p50, 1080PsF23.98 and 1080PsF24) 0.8 secs (1080i59.94 and 720p59.94)	1 sec (1080i50, 720p50, 1080PsF23.98 and 1080PsF24) 0.8 secs (1080i59.94 and 720p59.94)	20 secs (1080i50, 720p50, 1080PsF23.98 and 1080PsF24) 16 secs (1080i59.94 and 720p59.94)	20 secs (1080i50, 720p50, 1080PsF23.98 and 1080PsF24) 16 secs (1080i59.94 and 720p59.94)	43 secs	5.0 secs (1080i50 and 720p50) 4.2 secs (1080i59.94 and 720p59.94)
Maximum HD delay (in frames)	25 frames	25 frames	500 frames	500 frames	1075 frames (1080i50) 1280 frames (1080i59.94) 2150 frames (720p50) 2500 frames (720p59.94)	127 frames (1080i50) 127 frames (1080i59.94) 255 frames (720p50) 255 frames (720p59.94)
Minimum HD delay	2 lines	2 lines	2 lines	2 lines	12us	1 frame
Maximum 3Gb/s delay (in seconds)	0.5 secs (1080p50) 0.4 secs (1080p59.94)	0.5 secs (1080p50) 0.4 secs (1080p59.94)	10 secs (1080p50) 8 secs (1080p59.94)	10 secs (1080p50) 8 secs (1080p59.94)		2.5 secs (1080p50) 2.1 secs (1080p59.94)
Maximum 3Gb/s delay (in frames)	25 frames	25 frames	500 frames	500 frames		127 frames (1080p50/1080p59.94)
Minimum 3Gb/s delay	2 lines	2 lines	2 lines	2 lines		1 frame
Video delay adjustable in	Seconds, frames, lines and pixels	Seconds, frames, lines and pixels	Seconds, frames, lines and pixels	Seconds, frames, lines and pixels	Seconds, frames, lines and pixels	Seconds and frames
Independently adjustable audio delay						●
Max audio delay	Follows video	Follows video	Follows video	Follows video	Follows video	10 seconds
Min audio delay	Follows video	Follows video	Follows video	Follows video	Follows video	1 video frame
Audio delay adjustable in						Seconds, video frames and milliseconds
Number of video outputs (max)	4 (3 if fibre I/O)	4 (3 if fibre I/O)	4 (3 if fibre I/O)	4 (3 if fibre I/O)	3	2
Video framestore synchroniser		●		●		
Analogue reference		SD Black and Burst or HD tri-level syncs		SD Black and Burst or HD tri-level syncs		
Passes entire video stream including embedded audio	●	●	●	●	●	●
Dolby E alignment						●
Video proc-amp (RGB and YUV lift and gain controls)	●	●	●	●		
Video and audio alarms	4	6	4	6		21
Number of presets	16	16	16	16	16	16
Relay bypass protection	● (RM67 option)	● (RM67 option)	● (RM67 option)	● (RM67 option)	● (as standard)	
Fibre I/O	●	●	●	●		●
Boards in 2U	12	12	12	12	12	12
Rear module used	RM41, RM57 and RM67	RM41, RM57 and RM67	RM41, RM57 and RM67	RM41, RM57 and RM67	RM44	RM62