

Which routing switch do you need?

	Safe Switch 3G	Safe Switch-L 3G	SW221 3G	Smart Switch 3G	SW803 3G
Main use	Manual or automatic clean and intelligent switching	Manual or automatic clean and intelligent switching	Manual or automatic simple switching	Manual or automatic intelligent switching	Small matrix
Input formats (50Hz and 59.94Hz where unspecified)	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p50/59.94/60, 720p50/59.94/60, 1080i50/59.94/60, 625i, 525i	1080p50/59.94/60, 720p50/59.94/60, 1080i50/59.94/60, 625i, 525i	1080p50/59.94/60, 720p50/59.94/60, 1080i50/59.94/60, 625i, 525i, DVB-ASI
Input/output configuration	2 x 2	2 x 2	2 x 2	2 x 2	8 x 3
Output feeds (max)	2 of Output 1 and 1 of Output 2	2 of Output 1 and 2 of Output 2	2 of Output 1 and 1 of Output 2	2 of Output 1 and 1 of Output 2	1 of each
Input loop-throughs		2			
Automatically trigger switch	18 fault conditions	18 fault conditions	Loss of input or invalid video or invalid format	20 fault conditions	
Decide what constitutes a fault separately for each input	●	●			
Two configurable fault indicators for flexible monitoring	●	●			
Full framestore synchroniser on each input for disruption-free output	●	●			
Delay earliest arriving input by up to 25 frames	●	●			
Reference	Analogue	Analogue (with reference loop)			Analogue or digital
Loss of reference protection	●	●			
Relay bypass protection	●	●	●	●	
Fibre output	●				
Remote control	●	●	●	●	●
GPI inputs and outputs	6 bi-directional GPIs	12 bi-directional GPIs	4 GPI inputs and 2 GPI outputs	5 GPI inputs and 1 GPI output	5 GPI inputs and 1 GPI output
Frame slots used	1	2	1	1	2