Which up and down converter do you need?

Indigo SYSTEM	Up-Down 3G	Up-Down-A 3G	Up-Down-AFD 3G	Up-Down-AT 3G	Up-Down-ATX 3G	Up-Down-AS 3G	Up-Down-AFDS 3G	Up-Down-ATS 3G	Up-Down-ATXS 3G	Q-Down-AG 3G	Q-Down-ATG 3G	Q-Down Mini (minixbox)
Up converts	●	●	●	●	●	●	●	●	●			
Cross converts	●	●	●	●	●	●	●	●	●			
Down converts	●	●	●	●	●	●	●	●	●	●	●	●
Input formats AND digital output formats (50Hz and 59.94Hz)	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	1080p, 720p, 1080i, 625i, 525i	720p, 1080i, 625i, 525i
HD analogue output formats										YUV, RGB	YUV, RGB	
SD analogue output formats										Composite, Y/C, YUV, RGB	Composite, Y/C, YUV, RGB	Composite, Y/C, YUV, RGB
Reclocked input loop-throughs	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	6 with DA6 fitted	2 – or 8 with DA6 fitted	2 – or 8 with DA6 fitted	1
Perform two different conversions at same time	●	●	●	●	●	●	●	●	●			
Two framestore synchronisers						●	●	●	●			
Handles four audio groups		●	●	●	●	●	●	●	●	●	●	
Audio routing				●	●			●	●			
Audio resampling						●	●	●	●			
Linear AES tracking audio delay						●	●	●	●			
Dolby E alignment delay						●	●	●	●			
Audio delays (on top of the tracking)						Linear AES: 0-120ms; Dolby E: 1, 2 or 3 frames fixed delay	Linear AES: 0-120ms; Dolby E: 1, 2 or 3 frames fixed delay	Linear AES: 0-120ms; Dolby E: 1, 2 or 3 frames fixed delay	Linear AES: 0-120ms; Dolby E: 1, 2 or 3 frames fixed delay			
Short processing delay										●	●	●
Video delays	1 frame plus 16 lines additional user delay	1 frame plus 16 lines additional user delay	1 frame plus 16 lines additional user delay	1 frame plus 16 lines additional user delay	1 frame plus 16 lines additional user delay	1, 2 or 3 frames additional user delay	1, 2 or 3 frames additional user delay	1, 2 or 3 frames additional user delay	1, 2 or 3 frames additional user delay	3 fixed delays (minimum, fixed and frame) plus 1 frame additional user delay	3 fixed delays (minimum, fixed and frame) plus 1 frame additional user delay	3 fixed delays (minimum, fixed and frame)
Aspect ratio conversion when up converting (see manuals for full list of conversions)	●	●	●	●	●	●	●	●	●			
Aspect ratio conversion when down converting (see manuals for full list of conversions)	●	●	●	●	●	●	●	●	●	●	●	●
HD to HD aspect ratio conversion when input/output format identical (see manuals for full list of conversions)				●	●			●	●			
SD to SD aspect ratio conversion (see manuals for full list of conversions)	●	●	●	●	●	●	●	●	●			
Flexible aspect ratio adjustments (size, position and crop controls)	●	●	●	●	●	●	●	●	●	●	●	
AFD insertion and reading			●	●	●		●	●	●	●	●	
Video proc-amp (RGB and YUV lift and gain controls)	●	●	●	●	●	●	●	●	●	●	●	
Video proc-amp when HD input/output format identical				●	●			●	●			
Signal status reporting	●	●	●	●	●	●	●	●	●	●	●	
Timecode handling	Passes	Passes	Passes	Passes and converts	Passes and converts	Passes	Passes	Passes and converts	Passes and converts	Passes	Passes and converts	
Teletext transport (OP-47, SMPTE 2031)					●				●			
Closed captions transport (CEA-608 and CEA-708)					●				●		●	
Fibre I/O	●	●	●	●	●	●	●	●	●	●	●	
Frame slots used	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	1 (2 if DA6 fitted)	N/A