



Which colour corrector do you need?

	 CoCo 3G	 M-COCO-2
Frame system	Indigo (2U, 1U, DTB)	Vision (3U)
Product type	Card	Software app
Single or dual channel	Single	Dual
Works with SDI (3Gb/s, HD and SD)	●	●
Works with IP (ST 2022-6, ST 2022-7, ST 2110-10, ST 2110-20 and ST 2110-21)		●
Video formats supported	25 (625i, 525i, 720p23.98, 720p24, 720p25, 720p29.97, 720p30, 720p50, 720p59.94, 720p60, 1035i59.94, 1035i60, 1080PsF23.98, 1080PsF24, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94 and 1080p60)	31 (625i, 525i, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 2048x1080p23.98, 2048x1080p24, 2048x1080p25, 2048x1080p29.97, 2048x1080p30, 2048x1080PsF23.98, 2048x1080PsF24, 2048x1080PsF25, 2048x1080PsF29.97, 2048x1080PsF30)
Inputs and outputs can be any mixture of SDI and IP		●
Inputs and outputs can be mixture of ST 2022 and ST 2110		●
Includes IP gateway functionality (IP to SDI or SDI to IP)		●
Includes IP to IP translation functionality (network address translation, unicast to multicast address translation, setting firewall restrictions etc.)		●
Number of video outputs (max)	5 (2 main and 3 auxiliary)	1 per channel (or 2 if configured as single channel device)
Preview mode	●	If configured as single channel device
RGB gain	●	●
RGB lift	●	●
YUV gain	●	●
YUV lift	●	●
Video gain	●	●
Chroma gain	●	●
Chroma hue	●	●
Overall and individual RGB gamma	●	●
Black clean up	●	
Y Stretches (Black Stretch and Highlights Stretch)		●
Legaliser with RGB and Y/C clipping	●	●
Highlight illegal signal values	●	●
Horizontal and vertical wipes for before and after comparison	●	●
Horizontal and vertical cropping	●	
Video framestore synchronisers		3
Reference timing		From any SDI input, or from Vision frame dual references (SD Black & Burst or HD tri-level syncs) or PTP, with reference redundancy and user options for timing source priority
Output timing adjustments with respect to the reference (NB. Chosen sub frame timing alignment is global to all channels)		0 - 42ms in 0.1ms steps, 0 - 100us in 1us steps and 0 - 1us in 5ns steps
Video delay (additional user delay, adjustable in one frame steps)		Up to ten frames on output
Passes entire video stream including embedded audio and data	●	● (when SDI or ST 2022 – no audio or data in ST 2110-20)
Internal test pattern generator (with 13 test patterns)		●
SDI signal checks	5 (video present, video format, RGB gamut error active, YUV gamut error active, card not at default)	9 (video present and time present, video format, video black, video frozen, video error, audio group 1 present, audio group 2 present, audio group 3 present, audio group 4 present)
IP signal checks		● (network error, packet loss, duplicated packets, packet delay variation, count of packets ignored by app, ignored multicast packets)
Reference signal checks		● (reference 1 and 2 present and time present, reference 1 and 2 format, PTP master and backup clock present and time present, PTP statistics – network delay, delay variation, reference offset and sync period)
Number of presets	16	16
Hands-on control panels available	CoCo 3G Controller, VisionPanel and SBB-4	VisionPanel and SBB-4
SNMP control	Available for purchase	Complimentary
GPI inputs and outputs	Four GPI inputs for selecting presets; two GPI outputs for clip status	
Relay bypass protection	● (RM64 option)	
Fibre I/O (for SDI over fibre)	● (RM57 option)	(NB. IP only over fibre)
Colour correctors in 2U (max)	12	
Colour correctors in 3U (max)		20