



Which profanity delay do you need?

					
	M-CLEANIT	Cleanit 1	Cleanit 2	Cleanit 3	Cleanit Custom
Frame system	Vision (3U)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)	Indigo (2U, 1U, DTB)
Product type (NB. Software apps run on MARBLE-V1 media processor hardware)	Software app	Combination of cards	Combination of cards	Combination of cards	Combination of cards
Works with SDI	●	●	●	●	●
Works with IP (ST 2022-6 and ST 2022-7, with ST 2110 coming soon)	●				
Input formats	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	625i, 525i, 720p50, 720p59.94, 1080i50, 1080i59.94, 1080p50, 1080p59.94, 1080PsF23.98, 1080PsF24	625i, 525i, 720p50, 720p59.94, 1080i50, 1080i59.94, 1080p50, 1080p59.94, 1080PsF23.98, 1080PsF25	625i, 525i, 720p50, 720p59.94, 1080i50, 1080i59.94, 1080p50, 1080p59.94, 1080PsF23.98, 1080PsF26	Depends on chosen configuration
Inputs and outputs can be any mixture of SDI and IP	●				
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 protected delayed video outputs	2	2	1 (NB. Video is delayed but not protected; audio protection is in discrete analogue/ AES output)	2	Depends on chosen configuration (a custom solution could have additional outputs if needed, as well as different formats of those protected outputs)
Use with embedded audio	●	●		●	Depends on chosen configuration
Use with discrete 110 ohm AES			●		Depends on chosen configuration
Use with discrete 75 ohm AES					Available as Cleanit Custom option
Number of external I/O channels available for embedding/de-embedding			AES input: 8 (using two DIOP4) Analogue input: 4 (using one 3G-AIP2 and one 3G-AOP2)		A custom solution could be designed to meet any requirement regarding the number of audio channels protected
Number of audio channels delayed and protected	16	16	AES input: 8 Analogue input: 4	16	A custom solution could be designed to meet any requirement regarding the number of audio channels protected
Video cover	Clean switch to two different video sources, video blur, show web page, make video black, make video blue, show colour bars, jump ahead in time of offensive content			Video freeze, video black	Depends on chosen configuration - options could include video freeze, video black, clean switch to another video source, insert stored graphic, insert graphic from external clipstore
Audio cover	Audio mute (individual audio channels), switch to another audio flow	Audio mute, audio shuffle	Audio mute, audio shuffle	Audio mute, audio shuffle	Depends on chosen configuration - options could include audio mute, audio shuffle (including using discrete audio), insert stored audio file, insert audio from external store
Programme delay (max)	600 frames, which is between 10 and 25 seconds depending on video format (e.g. 24 secs 625i/1080i50, 20 secs 525i/1080i59.94, 12 secs 720p50/1080p50, 10 secs 720p59.94/1080p59.94)	Between 8 and 110 seconds depending on video format (e.g. 110 secs 625i, 91 secs 525i, 20 secs 1080i50/720p50, 16 secs 1080i59.94/720p59.94, 10 secs 1080p50, 8 secs 1080p59.94)	Between 8 and 110 seconds depending on video format (e.g. 110 secs 625i, 91 secs 525i, 20 secs 1080i50/720p50, 16 secs 1080i59.94/720p59.94, 10 secs 1080p50, 8 secs 1080p59.94)	Between 8 and 110 seconds depending on video format (e.g. 110 secs 625i, 91 secs 525i, 20 secs 1080i50/720p50, 16 secs 1080i59.94/720p59.94, 10 secs 1080p50, 8 secs 1080p59.94)	Depends on chosen configuration (more delay or less delay is available depending on application and budget)
Manual activation of delayed cover and delayed uncover	●	●	●	●	●
Auto activation of delayed cover/uncover		●	●	●	●
Manual activation of instant cover and instant uncover for missed profanities	●	●	●	●	●
‘Delay to event’ and ‘delay to restore’ timings can be same length or different	●	●	●	●	●
Monitor output multiviewer for content monitoring	●				
Video framestore synchroniser	●			●	Could include synchronisation of the protected programme
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			From SDI input or from SD Black and Burst or HD tri-level syncs	If using synchronisation in chosen configuration: From SDI input or from SD Black and Burst or HD tri-level syncs
13 test patterns	●				
Comprehensive signal monitoring	●	●	●	●	●
SBB-4 smart button box control (with button customisation)	Available for purchase	Available for purchase	Available for purchase	Available for purchase	Available for purchase
VisionWeb Control	Complimentary	Complimentary	Complimentary	Complimentary	Complimentary
SNMP control	Complimentary	Available for purchase	Available for purchase	Available for purchase	Available for purchase
Relay bypass protection	● (VR07 option)				Available as Cleanit Custom option (using RM67)
Power redundancy available	● (as standard)	● (NB. Not with desk top box)	● (NB. Not with desk top box)	● (NB. Not with desk top box)	● (NB. Not with desk top box)
Fibre I/O (for SDI over fibre)	(NB. IP only over fibre)				Available as Cleanit Custom option
Frame slots used	2	2	2	2	Depends on chosen configuration
Profanity delays in frame (max)	10 in 3U	6 in 2U (1 in DTB or 3 in 1U)	6 in 2U (1 in DTB or 3 in 1U)	6 in 2U (1 in DTB or 3 in 1U)	Depends on chosen configuration
	M-CLEANIT	Cleanit 1	Cleanit 2	Cleanit 3	Cleanit Custom