

## TESSERA LED PROCESSORS - 2021 Comparison Table

This document is intended to provide an overview of major features and differences between Brompton Technology LED processors. For more detailed information please visit www.bromptontech.com or contact support@bromptontech.com

VIDEO INPUTS	<b>S8</b>	SX40	S4	T1	
SDI Inputs DVI/HDMI Inputs	1 X 12G-SDI 1 X HDMI 2.0	1 X 12G-SDI 1 X HDMI 2.0	None 1 X DVI	None 1 X DVI	
VIDEO OUTPUTS					
Output Ports Output Port Type Fibre Outputs Closed Loop Redundancy Processor Redundancy	8 1G Ethernet None Yes No	4 XD (10G/1G) Yes (to XD) Yes Yes	4 1G Ethernet None Yes No	1 1G Ethernet None None No	
CAPACITY					
Nominal Pixel Capacity Default Canvas Size Non-Standard Canvas Size Support Maximum Number Of Panels/Fixtures	4.5 Million 4096X2160 Yes 2000	9 Million 4096X2160 Yes 2000	2.1 Million 1920X1080 Yes 2000	0.5 Million 1920X1080 Yes 500	
VIDEO PROCESSING					
SD-/HD-SDI Deinterlacing Region Of Interest Output Scaling	No No Yes	No No Yes	No No No	No Yes Yes	
SOFTWARE FEATURES					
ChromaTune Multiple Fixture Type Support Panel Rotation Supports Sub-fixtures from 2.2.6 Frame Re-Mapping	Yes Yes 90°/180°/270° only Yes Yes	Yes Yes 90°/180°/270° only Yes Yes	No Yes 90°/180°/270° only Yes No	No Yes Any Degree Yes No	
GENLOCK/LATENCY					
Genlock To Video Inputs Lock To Internal Timing Reference End-to-end Latency With All Features End-to-end Latency In Low Latency Mode	Yes Yes 2 Frames 1 Frame	Yes Yes 2 Frames 1 Frame	Yes No 2 Frames N/A	Yes Yes 3 Frames 2 Frames	
CONTROL					
DMX-512 /Art-Net /sACN Live Control IP Control	Yes Yes	Yes Yes	None Yes	Yes Yes	

Established in 2012, Brompton Technology is based in West London and is a spin-off from Carallon, a serial innovator in the entertainment technology space. It operates in the rapidly expanding LED Video display sector, and product designs come from years of Industry and engineering experience, and an acute understanding of the current marketplace. This has resulted in it fast becoming a globally known and respected brand within this sector. More information can be found at <a href="www.bromptontech.com">www.bromptontech.com</a>.