

TESSERA LED PROCESSORS - 2019 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

	M2	S4	T1	SX40
VIDEO INPUTS				
SDI Inputs	2 X 3G-SDI	None	None	1 X 12G-SDI
DVI/HDMI Inputs	1 X DVI-I	1 X DVI-D	1 X DVI-D	1 X HDMI 2.0
VIDEO OUTPUTS				
Output Ports	4	4	1	4
Output Port Type	1G Ethernet	1G Ethernet	1G Ethernet	XD (10G/1G)
Fibre Outputs	None	None	None	Yes (to XD)
Cable Redundancy	Yes	Yes	None	Yes
Processor Redundancy	No	No	No	Yes
CAPACITY				
Nominal Pixel Capacity	2.1 Million	2.1 Million	0.5 Million	9 Million
Default Canvas Size	1920X1080	1920X1080	1920X1080	4096X2160
Non-Standard Canvas Size Support	Yes	Yes	Yes	Yes
Maximum Number Of Panels/Fixtures	2000	2000	500	2000
VIDEO PROCESSING				
SD-/HD-SDI Deinterlacing	Yes	No	No	No
Region Of Interest	Yes	No	Yes	No
Output Scaling	Yes	No	Yes	Yes
SOFTWARE FEATURES				
ChromaTune	Yes	No	No	Yes
Multiple Fixture Type Support	Yes	Yes	Yes	Yes
Panel Rotation	Any Degree	90° /180° / 270° Degree	Any Degree	90° /180° / 270° Degree
Supports Sub-fixtures	Yes	Yes	Yes	Yes
GENLOCK/LATENCY				
Genlock To Video Inputs	Yes	Yes	Yes	Yes
Lock To Internal Timing Reference	Yes	-	Yes	Yes
End-to-end Latency With All Features	3 Frame	2 Frame	3 Frame	2 Frame
End-to-end Latency In Low Latency Mode	2 Frames	N/A	2 Frames	N/A
CONTROL				
DMX-512 /Art-Net /sACN Live Control	Yes	None	Yes	Yes

