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Control Board	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100 DLP® LightCrafter™ 9000	DLP® LightCrafter™ 6500	DLP® LightCrafter™ 6500	DLP® LightCrafter™ 9000	DLPC200	DLP® LightCrafter™ 9000
DMD Options	DLP7000 .7" XGA 2xLVDS Type-A DMD DLP9500 .95" 1080p 2xLVDS Type-A DMD	DLP7000 .7" XGA 2xLVDS Type-A DMD DLP9500 .95" 1080p 2xLVDS Type-A DMD	DLP7000 .7" XGA 2xLVDS Type-A DMD DLP9500 .95" 1080p 2xLVDS Type-A DMD	DLP6500 .65" 1080p Type-A DMD DLP7000 .7" XGA 2xLVDS Type-A DMD DLP9500 .95" 1080p 2xLVDS Type-A DMD DLP9600 .96" WUXGA 2xLVDS Type-A DMD DLP9000X .9" WQXGA Type-A DMD	DLP6500 .65" 1080p S600 DMD	DLP6500 .65" 1080p Type-A DMD	DLP9000 .9" WQXGA Type-A DMD	DLP5500 0.55" XGA S450 DMD	DLP9000 .9" WQXGA Type-A DMD
Support Chips	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 (DLP7000/DLP9500/DLP9600) DLPC910 (DLP6500/DLP9000X)	DLPC900	DLPC900	DLPC900	DLPC200	DLPC900
Window Coating	VIS / UV	VIS / UV	VIS / UV	VIS / UV	VIS	VIS	VIS	VIS	VIS
Controller Software	Discovery™ Explorer GUI DLPC410 API	ALP 4.1 Basic API	ALP 4.1 High-Speed API	ALP 4.3 SuperSpeed API	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API	CELconductor Control Software DLPC200 API	DLP® LightCrafter™ 6500/9000 Firmware & Software Bundle
Resolution	1024 x 768 (XGA) 1920 x 1080 (1080p)	1024 x 768 (XGA) 1920 x 1080 (1080p)	1024 x 768 (XGA) 1920 x 1080 (1080p)	1024 x 768 (XGA) 1920 x 1080 (1080p) 1920 x 1200 (WUXGA) 2560 x 1600 (WQXGA)	1920 x 1080 (1080p)	1920 x 1080 (1080p)	2560 x 1600 (WQXGA)	1024 x 768 (XGA)	2560 x 1600 (WQXGA)
Micromirror Pitch	13.6µm (XGA) 10.8µm (1080p)	13.6µm (XGA) 10.8µm (1080p)	13.6µm (XGA) 10.8µm (1080p)	7.6µm (.65" 1080p / WQXGA) 13.6µm (XGA) 10.8µm (.95" 1080p / WUXGA)	7.6µm	7.6µm	7.6µm	10.8µm	7.6µm
Controller Interface	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 1.1 HDMI DisplayPort	USB 1.1 HDMI DisplayPort	USB 1.1 HDMI DisplayPort	USB 2.0 HDMI	USB 1.1 HDMI DisplayPort
Pattern Rates	1-bit: 20Hz 8-bit: N/A Video: N/A	1-bit: 300Hz (XGA) 1-bit: 100Hz (1080p) 8-bit: N/A Video: N/A	1-bit: 22,727Hz (XGA) 1-bit: 10,638Hz (1080p) 8-bit: 290Hz (XGA) 8-bit: 255Hz (1080p) Video: N/A	1-bit: 22,727Hz (XGA) 1-bit: 17,857Hz (1080p) 8-bit: 290Hz (XGA) 8-bit: 266Hz (1080p) Video: N/A	1-bit: 9,500Hz 8-bit: 250Hz 8-bit Grayscale Video: 60Hz	1-bit: 9,500Hz 8-bit: 250Hz 8-bit Grayscale Video: 60Hz	1-bit: 9,500Hz 8-bit: 250Hz 8-bit Grayscale Video: 60Hz	1-bit: 5,000Hz 8-bit: 500Hz 8-bit Grayscale Video: 60Hz	1-bit: 9,500Hz 8-bit: 250Hz 8-bit Grayscale Video: 60Hz
USB Transfer Rate <small>*Typical value, can vary depending upon data compression ratio and PC used</small>	1*fps	100*fps	>400*fps	>1500*fps	<0.5*fps	<0.5*fps	<0.5*fps	1*fps	<0.5*fps
On Board Memory	N/A	N/A	4GB DDR2	8GB DDR3	48MB Parallel Flash	48MB Parallel Flash	48MB Parallel Flash (2x)	128MB Flash 256MB DDR2	48MB Parallel Flash (2x)
Binary Pattern Storage	N/A	N/A	43,690 (XGA) 15,534 (1080p)	87,380 (XGA) 31,068 (1080p)	400	400	400	968	400
I/O Triggers	N/A	N/A	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave	Master/Slave	Master/Slave	Master/Slave Delay, Pulse	Master/Slave
Configurations <small>*Only included with Optics Bundle</small>	N/A	*Fiber (0.7" XGA DMD only)	*Fiber (0.7" XGA DMD only)	*Fiber (0.7" XGA DMD only)	*LED or Fiber (405nm UV, R, G, B)	*LED or Fiber (405nm UV, R, G, B)	N/A	LED (405nm UV, R, G, B) Fiber LED + Fiber Assembly CELscope	LED (365nm, 385nm, 405nm, Blue)
Optics <small>*Only included with Optics Bundle</small>	N/A	*RAY-7A	*RAY-7A	*RAY-7A	*RAY-65	*RAY-65	N/A	Internal Pathway & Projection	Internal Pathway & Projection