

				
	DLP Discovery™ D4100 Development Kits	DLi4120 Essentials Development Kits	DLi4130 High-Speed Development Kits	SuperSpeed V-Module Development Kits
Control Board	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100 DLP® LightCrafter™ 9000 (WQXGA)
DMD Options	DLP7000 .7" XGA Type-A DMD DLP9500 .95" 1080p 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 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 2xLVDS Type-A DMD
Support Chips	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 (DLP7000/DLP9500/DLP9600) DLPC910 (DLP6500/DLP9000X)
Window Coating	VIS / UV	VIS / UV	VIS / UV	VIS / UV
Controller Software	Discovery™ Explorer GUI DLPC410 API	ALP 4.1 Basic API Light Animator™ GUI	ALP 4.1 High-Speed API Light Animator™ GUI	ALP 4.3 SuperSpeed API Light Animator™ GUI
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)
Micromirror Pitch	13.6µm (XGA) 10.8µm (1080p)	13.6µm (XGA) 10.8µm (1080p)	13.6µm (XGA) 10.8µm (1080p)	13.6µm (XGA) 10.8µm (1080p / WUXGA) 7.6µm (WQXGA)
Controller Interface	USB 2.0	USB 2.0	USB 2.0	USB 3.0
Pattern Rates	1-bit: 20Hz 8-bit: N/A Video: N/A	1-bit: 2,000Hz (XGA) 1-bit: 100Hz (1080p) 8-bit: N/A Video: N/A	1-bit: 22,727Hz (XGA) 1-bit: 7,857Hz (1080p) 8-bit: 290Hz Video: N/A	1-bit: 22,727Hz (XGA) 1-bit: 7,857Hz (1080p) 8-bit: 290Hz Video: N/A
USB Transfer Rate	1fps	100fps	>400fps	>1500fps
On Board Memory	N/A	N/A	4GB DDR2	8GB DDR3
Binary Pattern Storage	N/A	N/A	43,690 (XGA) 15,534 (1080p)	87,380 (XGA) 31,068 (1080p)
I/O Triggers	N/A	N/A	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse