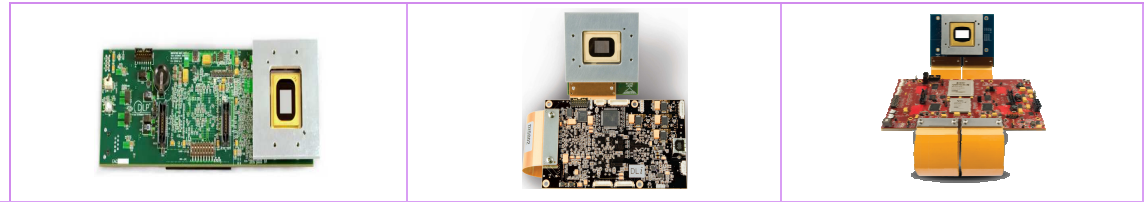


Development & Production Kits



<i>DLP® Discovery™ 3000 Controller Board</i>	<i>Production-Ready DVI Embedded Controller Board</i>	<i>DLP® Discovery™ D4100 Developer's Kit</i>
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	D3000	DLi3000	D4100
Resolution			
XGA (1024 x 768)	Yes	Yes	Yes
SXGA+ (1400 x 1050)	Yes	Yes	NA
1080p (1920 x 1080)	NA	NA	Yes
WUXGA (1920 x 1200)	NA	NA	Yes
Wavelength			
Visible (VIS)	Yes	Yes	Yes
Ultra-Violet (UV)	Yes	Yes	Yes (Except WUXGA)
Chip Set			
DMD Format	0.7" XGA 0.95" SXGA+	0.7" XGA 0.95" 1080p 0.95" WUXGA	0.7" XGA 0.95" 1080p 0.95" WUXGA
Power & Reset Driver	DAD1000	DAD1000	DAD2000
Digital Controller	DDC3000	DDC3000	DDC 4100
Frame Rates			
Binary FPS	16,800 Binary FPS (Phased Reset) 8,600 (Global Reset) Sequential or Random Row Addressing	16,800 Binary FPS (Phased Reset) 8,600 (Global Reset) Sequence Shift or Random Row Addressing	Up to 23,148 Binary FPS (1080p) Up to 32,552 Binary FPS (XGA) Sequential or Random Row Addressing
Real Time / 8-bit / Video			60Hz 8-bit grayscale (Only w/ D2D Expansion)
PC Interface			
USB 2.0	NA (Upgrade to DLi4110 Kit Bundle)	Cypress 68013A USB	Cypress 68013A USB
DVI	NA (Upgrade to DLi4110 Kit Bundle)	Silicon Image Sil1161 DVI	NA (Upgrade to DLi4110 Kit Bundle)
Software			
API	NA (Upgrade to DLi4110 Kit Bundle)	NA (Upgrade to DLi4110 Kit Bundle)	Discovery Explorer API /GUI
GUI	NA (Upgrade to DLi4110 Kit Bundle)	NA (Upgrade to DLi4110 Kit Bundle)	Discovery Explorer API /GUI
Bit Depth			
1 bpp	Yes	Yes	Yes
8 bpp (Grayscale)	NA (Upgrade to DLi4110 Kit Bundle)	NA (Upgrade to DLi4130 Kit Bundle)	Yes
Features			
Dimensions	7.75" x 208"	5.118" x 2.953"	3.07" x 2.56"
Operating System	None	None	Windows XP 32 bit
FPGA	Xilinx Virtex 4 (1Gbit DDR2 SDRAM)	Xilinx Virtex 4 (2Gbit DDR2 SDRAM)	Xilinx Virtex 5 (w/ SODIMM Connector up to 4GB DDR2)
DMD Interface	LVDS	LVDS	2 x LVDS
Optic Modules	S2+ OM / S2+ OM-LED / HP-LED-OM (Except SXGA+)	S2+ OM / S2+ OM-LED / HP-LED-OM (Except 1080p)	S2+ OM / S2+ OM-LED / HP-LED-OM (Except 1080p)

Call or Email for More Information:

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