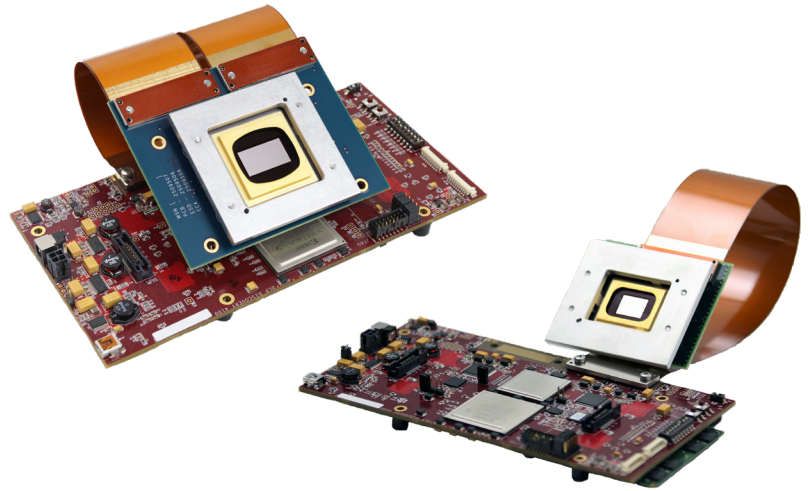


KEY FEATURES & SPECIFICATIONS

- DLP® Digital Micromirror Device (DMD)
Options:
 - DLP7000 .7" VIS XGA 2xLVDS Type-A DMD
 - DLP7000 .7" UV XGA 2xLVDS Type-A DMD
 - DLP9500 .95" VIS 1080p 2xLVDS Type-A DMD
 - DLP9500 .95" UV 1080p 2xLVDS Type-A DMD
- DLP® Support Chips
 - DLPC410 DMD Digital Controller
 - DLPR410 PROM
 - DLPA200 DMD Micromirror Driver(s)
- Resolution Options
 - 1024 x 768 (XGA)
 - 1920 x 1080 (1080p)
- Pattern rates
 - 1-bit - 22,727Hz (XGA)
 - 1-bit - 10,638Hz (1080p)
 - 8-bit - 290Hz (XGA)
 - 8-bit - 255Hz (1080p)
 - Video - N/A
- 2 Input/Output syncs & triggers
- USB 2.0
- Stores up to 43,690 XGA 1bpp Patterns
- Compatible with all Windows platforms
- User-configurable controls (Pattern Rate, Bit Depth, I/O Triggers, and Looping & Image Scrolling)
- 4GB on-board RAM
- High frequency firmware with scalability

CONFIGURATIONS

- DLi4130 .7" VIS XGA High-Speed Development Kit
- DLi4130 .7" UV XGA High-Speed Development Kit
- DLi4130 .95" VIS 1080p High-Speed Development Kit
- DLi4130 .95" UV 1080p High-Speed Development Kit



Our **DLi4130 High-Speed Development Kits** unlock the full capabilities of the DLP® Discovery™ 4100 Chipsets by offering users a suite of high-performance functions through an API that maximizes the high speed abilities of the DLP® hardware.

INCLUDES:

- ▶ D4100 Controller Board
- ▶ DLP DMD & Support Chips
- ▶ DMD Board
- ▶ DMD Mounting Hardware Assembly
- ▶ Flex Cable(s)
- ▶ ALP 4.1 High-Speed Controller Suite
- ▶ Power Supply & Cable / Benchtop Cable

SPECIFICATIONS

Configurations	DLi4130 .7" VIS XGA High-Speed Development Kit	DLi4130 .7" UV XGA High-Speed Development Kit	DLi4130 .95" VIS 1080p High-Speed Development Kit	DLi4130 .95" UV 1080p High-Speed Development Kit
DMD	DLP7000 .7" VIS XGA 2xLVDS Type-A DMD	DLP7000 .7" UV XGA 2xLVDS Type-A DMD	DLP9500 .95" VIS 1080p 2xLVDS Type-A DMD	DLP9500 .95" UV 1080p 2xLVDS Type-A DMD
Support Chips	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200
Window Coating	VIS	UV	VIS	UV
Controller Software	ALP 4.1 High-Speed API	ALP 4.1 High-Speed API	ALP 4.1 High-Speed API	ALP 4.1 High-Speed API
Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1920 x 1080 (1080p)	1920 x 1080 (1080p)
Micromirror Pitch	13.6µm	13.6µm	10.8µm	10.8µm
Controller Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Pattern Rates	1-bit - 22,727Hz 8-bit - 290Hz Video - N/A	1-bit - 22,727Hz 8-bit - 290Hz Video - N/A	1-bit - 10,638Hz 8-bit - 255Hz Video - N/A	1-bit - 10,638Hz 8-bit - 255Hz Video - N/A
USB Transfer Rate	100*fps	100*fps	100*fps	100*fps
On Board Memory	4GB	4GB	4GB	4GB
Binary Pattern Storage	43,690	43,690	15,534	15,534
I/O Triggers	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse
Optics Bundles	DLi4130 .7" VIS XGA RAY-7A LED or Fiber Optics Bundles	N/A	N/A	N/A
Illumination	**SugarCUBE	N/A	N/A	N/A

*Typical value, can vary depending upon data compression ratio and PC used

**Available with Fiber configurations

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