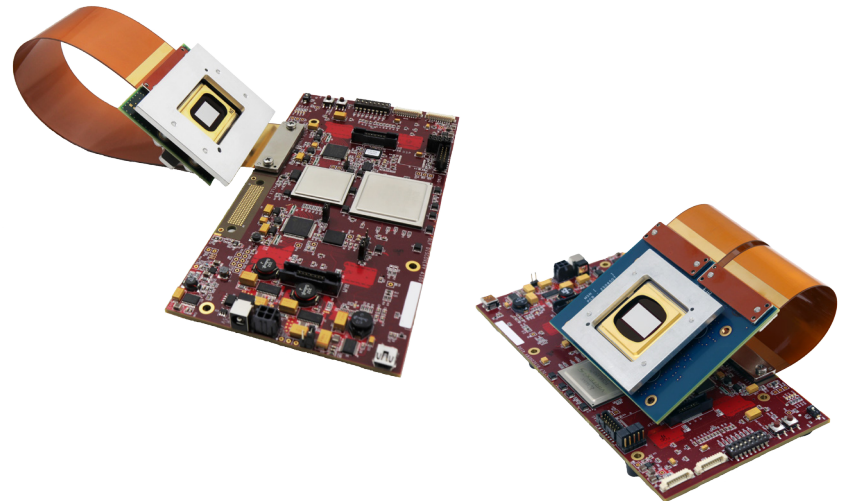


KEY FEATURES & SPECIFICATIONS

- 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 - 300Hz (XGA)
 - 1-bit - 100Hz (1080p)
 - Video - N/A
- USB 2.0
- Compatible with all Windows platforms
- User configurable controls (Pattern Rate, Looping & Image Scrolling)
- Firmware with scalability to develop custom application GUI
- Script processor for carrying out GUI commands

CONFIGURATIONS

- DLi4120 .7" VIS XGA Essentials Development Kit
- DLi4120 .7" UV XGA Essentials Development Kit
- DLi4120 .95" VIS 1080p Essentials Development Kit
- DLi4120 .95" UV 1080p Essentials Development Kit



Our **DLi4120 Essentials Development Kits** offer users a flexible platform to develop a proof of concept and facilitates scientific experimentation that utilizes the proven reliability of Digital Light Processing (DLP®) technology.

INCLUDES:

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

SPECIFICATIONS

Configurations	DLi4120 .7" VIS XGA Essentials Development Kit	DLi4120 .7" UV XGA Essentials Development Kit	DLi4120 .95" VIS 1080p Essentials Development Kit	DLi4120 .95" UV 1080p Essentials 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 Basic API	ALP 4.1 Basic API	ALP 4.1 Basic API	ALP 4.1 Basic 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 - 300Hz 8-bit - N/A Video - N/A	1-bit - 300Hz 8-bit - N/A Video - N/A	1-bit - 100Hz 8-bit - N/A Video - N/A	1-bit - 100Hz 8-bit - N/A Video - N/A
USB Transfer Rate	100*fps	100*fps	100*fps	100*fps
Optics Bundles	DLi4120 .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

DLi DIGITAL LIGHT[®]
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