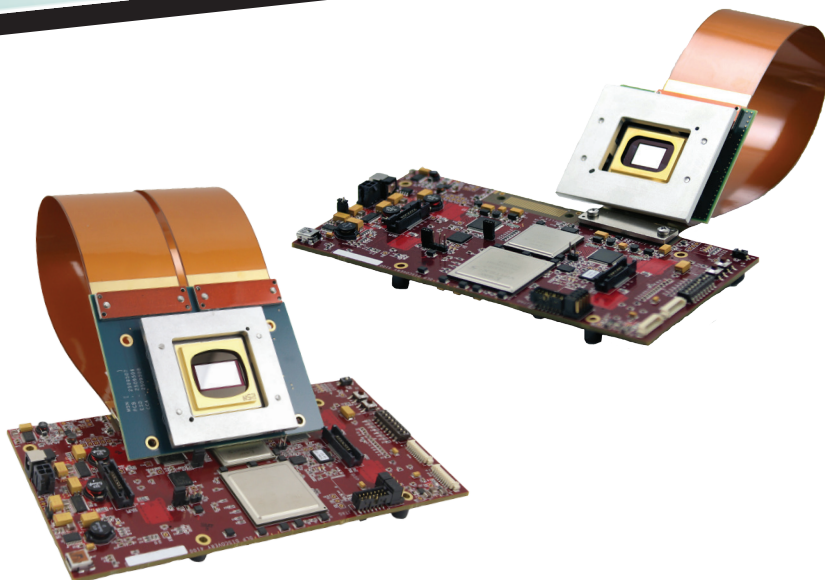


KEY FEATURES & SPECIFICATIONS

- 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 - 20Hz
 - 8-bit - N/A
 - Video - N/A
- USB 2.0
- Compatible with Windows platforms up to Windows 7

CONFIGURATIONS

- D4100 .7" VIS XGA Development Kit
- D4100 .7" UV XGA Development Kit
- D4100 .95" VIS 1080p Development Kit
- D4100 .95" UV 1080p Development Kit



The **DLP® Discovery 4100 Development Kits (D4100)** are entry level kits that provide access to all the basic capabilities for users wanting to understand the functionality of a DLP platform.

INCLUDES:

- ▶ D4100 Controller Board
- ▶ DLP DMD & Support Chips
- ▶ DMD Board
- ▶ DMD Mounting Hardware Assembly
- ▶ Flex Cable(s)
- ▶ Discovery™ Explorer Control Software & API
- ▶ Power Supply & Cable / Benchtop Cable



D4100 *Development Kits*

SPECIFICATIONS

Configurations	D4100 .7" VIS XGA Development Kit	D4100 .7" UV XGA Development Kit	D4100 .95" VIS 1080p Development Kit	D4100 .95" UV 1080p Development Kit
Control Board	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100
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	Discovery™ Explorer GUI DLPC410 API	Discovery™ Explorer GUI DLPC410 API	Discovery™ Explorer GUI DLPC410 API	Discovery™ Explorer GUI DLPC410 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 - 20Hz 8-bit - N/A Video - N/A	1-bit - 20Hz 8-bit - N/A Video - N/A	1-bit - 20Hz 8-bit - N/A Video - N/A	1-bit - 20Hz 8-bit - N/A Video - N/A
USB Transfer Rate	1*fps	1*fps	1*fps	1*fps

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



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