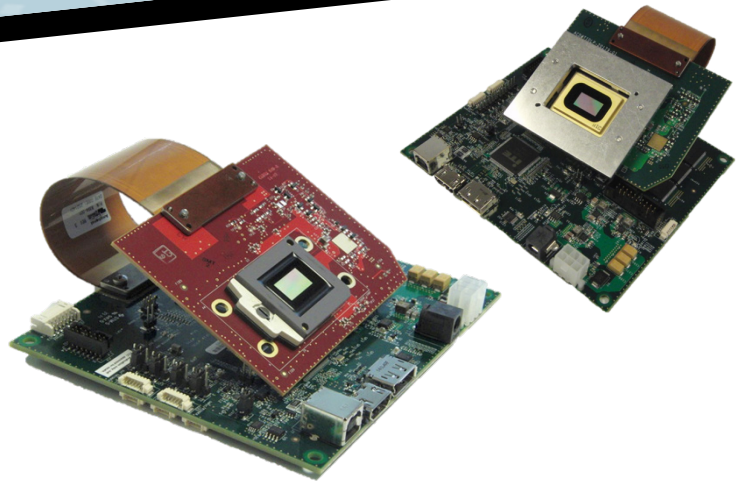
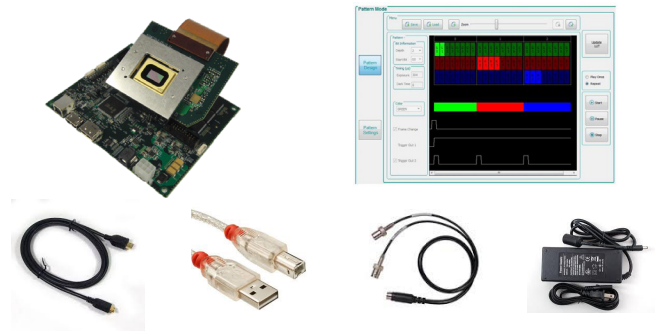


## KEY FEATURES & SPECIFICATIONS

- DLP® Digital Micromirror Device (DMD) Options
  - DLP6500FYE .65" 1080p Type-S DMD
  - DLP6500FLQ .65" 1080p Type-A DMD
- DLP® Support Chip
  - DLPC900 Digital Controller
- Resolution
  - 1920 x 1080 (1080p)
  - > 2 Million Micromirrors
- Pattern rates
  - 1-bit - 9,500Hz
  - 8-bit - 250Hz
  - Video - 60Hz
- 2 Configurable I/O triggers for synchronization with cameras and other external devices
- USB 1.1 / HDMI / DisplayPort
- DLP® LightCrafter™ 6500 Firmware & Software Bundle
- Compatible with all Windows platforms




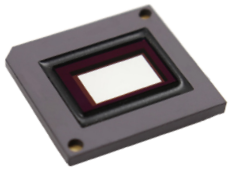
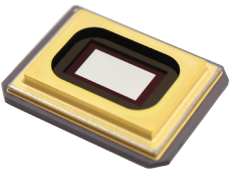
The **DLi6500 .65" 1080p Development Kits** are high performance, flexible DLP development kits featuring the .65" 1080p DMD with 1920 x 1080p resolution and access to over 2 million micromirrors. The DLi6500 Development Kits feature the .65" 1080p DMD which are available in two DMD packages: **Type-S vs Type-A.**



### INCLUDES:

- DLP® LightCrafter™ 6500 Controller Board
- DLP DMD & Support Chip
  - DLP6500 .65" 1080p DMD (Type-S or Type-A)
  - DLPC900
- DMD Board & DMD Hardware (Type-A only)
- DMD Board & Socket (Type-S only)
- Flex Cable
- DLP® LightCrafter™ 6500 Firmware & Software Bundle
- Power Supply & Cable / USB Cable / HDMI Cable / DisplayPort Cable / GPIO Cable / Trigger Cable / Driver Cable

### TYPE-S vs. TYPE-A Comparison

		
	TYPE-S	TYPE-A
<b>Control Board</b>	DLP® LightCrafter™ 6500	DLP® LightCrafter™ 6500
<b>DMD Options</b>	DLP6500 .65" 1080p S600 DMD	DLP6500 .65" 1080p Type-A DMD
<b>Support Chips</b>	DLPC900	DLPC900
<b>Window Coating</b>	VIS	VIS
<b>Controller Software</b>	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API
<b>Parts &amp; Assembly</b>	.65" 1080p Type-S DMD Board 5" 2xLVDS Flex Cable (1) Power & Cable Kit Power Supply	.65" 1080p Type-A DMD Board 5" 2xLVDS Flex Cable (1) DMD Mounting Assembly Power & Cable Kit Power Supply
<b>Resolution</b>	1920 x 1080 (1080p)	1920 x 1080 (1080p)
<b>Micromirror Pitch</b>	7.6µm	7.6µm
<b>Wavelength</b>	420nm - 700nm	400nm - 700nm
<b>Controller Interface</b>	USB 1.1 HDMI DisplayPort	USB 1.1 HDMI DisplayPort
<b>Pattern Rates</b>	1-bit – 9,500Hz 8-bit – 250Hz Video – 60Hz	1-bit – 9,500Hz 8-bit – 250Hz Video – 60Hz
<b>USB Transfer Rate</b>	<0.5*fps	<0.5*fps
<b>On Board Memory</b>	48MB Parallel Flash	48MB Parallel Flash
<b>Binary Pattern Storage</b>	400	400
<b>I/O Triggers</b>	Master/Slave	Master/Slave

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