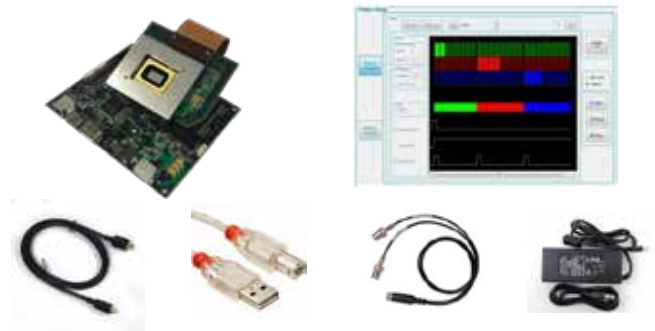


KEY FEATURES & SPECIFICATIONS

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

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