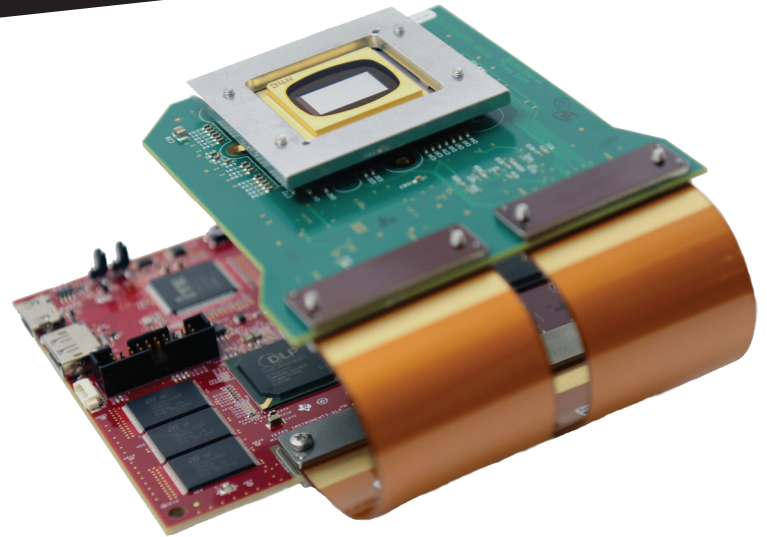


KEY FEATURES & SPECIFICATIONS

- DLP® Digital Micromirror Device (DMD)
 - DLP9000 .9" WQXGA Type-A DMD
- DLP® Support Chip
 - DLPC900 Digital Controller
- Resolution
 - 2560 x 1600 (WQXGA)
 - > 4 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
- Compatible with all Windows platforms



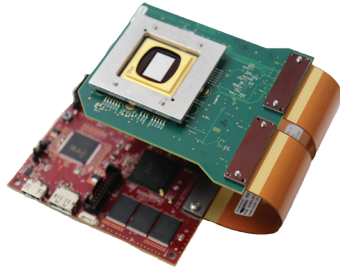
The **DLi9000 .9" WQXGA Development Kit** is a high performance, highly flexible DLP® development kit featuring over 4 million micromirrors and 2560 x 1600 resolution ideal for customizing industrial, medical and scientific applications.



INCLUDES:

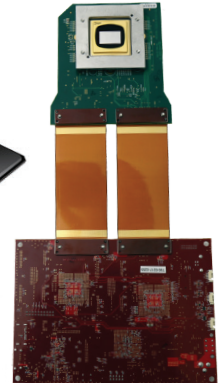
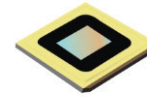
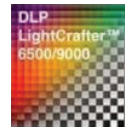
- ▶ DLP® LightCrafter™ 9000 Controller Board
- ▶ DLP DMD & Support Chip
 - ▶ DLP9000 .9" WQXGA Type-A DMD
 - ▶ DLPC900
- ▶ DMD Board
- ▶ DMD Hardware
- ▶ Flex Cables
- ▶ DLP® LightCrafter™ 9000 Firmware & Software Bundle
- ▶ Power Supply & Cable / USB Cable / HDMI Cable / DisplayPort Cable / GPIO Cable / Trigger Cable / Driver Cable

SPECIFICATIONS



Specification	DLi9000 .9" WQXGA Development Kit
Control Board	DLP® LightCrafter™ 9000
DMD Options	DLP9000 .9" WQXGA 2xLVDS Type-A DMD
Support Chips	DLPC900
Window Coating	VIS
Controller Software	DLP® LightCrafter™ 6500/9000 GUI DLPC900 API
Resolution	2560 x 1600 (WQXGA)
Micromirror Pitch	7.6µm
Controller Interface	USB 1.1 HDMI DisplayPort
Pattern Rates	1-bit - 9,500Hz 8-bit - 250Hz 8-bit Grayscale Video - 60Hz
USB Transfer Rate	<0.5*fps
On Board Memory	48MB Parallel Flash (2x)
Binary Pattern Storage	400
I/O Triggers	Master/Slave
Configurations	n/a
Optics Module (OM)	n/a

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



- ✓ Represents the highest resolution DMD in the DLP® Advanced Light Control portfolio
- ✓ Pattern rates up to 9,500Hz
- ✓ Sync DMD to external devices such as CMOS & CCD cameras
- ✓ User-configurable controls (Pattern Rate, Bit Depth, I/O Triggers and LED Parameters)
- ✓ 4 modes of operation (video, pattern on the fly, prestored pattern and video pattern)