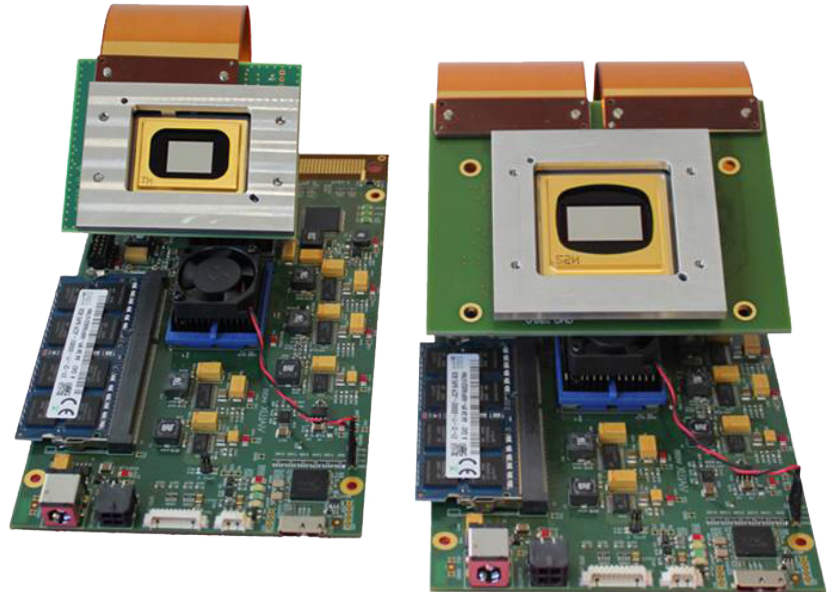


KEY FEATURES & SPECIFICATIONS

- 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
 - DLP9600 .96" VIS WUXGA Type-A DMD
 - DLP6500 .65" VIS 1080p Type-A DMD
 - DLP9000X .9" VIS WQXGA Type-A DMD
- DLP® Support Chips
 - DLP7000 / DLP9500 / DLP9600
 - DLPC410 / DLPR410 / DLPA200
 - DLP6500 / DLP9000X
 - DLPC910
- Resolution Options
 - 1024 x 768 (XGA)
 - 1920 x 1080 (1080p)
 - 1920 x 1200 (WUXGA)
 - 2560 x 1600 (WQXGA)
- Pattern rates
 - * See table for additional patterns rates
 - 1-bit - 22,727Hz (XGA)
 - 1-bit - 17,857Hz (.95" 1080p)
 - 8-bit - 290Hz (XGA)
 - 8-bit - 266Hz (.95" 1080p)
- 2 Input/Output syncs & triggers
- USB 3.0
- Stores up to 87,381 XGA 1bpp patterns
- Compatible with all Windows platforms
- User-configurable controls (Pattern Rate, Bit Depth, I/O Triggers, and Looping/Repetition)
- Available with 8GB or 16GB on-board RAM
- High frequency firmware with scalability

CONFIGURATIONS

- SuperSpeed V-7001 .7" VIS XGA Development Kit
- SuperSpeed V-7001 .7" UV XGA Development Kit
- SuperSpeed V-9501 .95" VIS 1080p Development Kit
- SuperSpeed V-9501 .95" UV 1080p Development Kit
- SuperSpeed V-9601 .96" VIS WUXGA Development Kit
- SuperSpeed V-6501 .65" VIS 1080p Development Kit
- SuperSpeed V-9001 .9" VIS WQXGA Development Kit



The **SuperSpeed V-Module Development Kits** combine the USB 3.0 data transfer with the speed and steering capabilities of Discovery™ 4100 and LightCrafter™ 6500/9000, representing the highest performance class of DLP® catalog products available.

INCLUDES:

- ▶ SuperSpeed V-Module Controller Board
- ▶ DLP DMD & Support Chips
- ▶ DMD Board
- ▶ DMD Mounting Hardware Assembly
- ▶ Flex Cable(s)
- ▶ ALP 4.3 Super-Speed Controller Suite
- ▶ Power Supply & Cable / Benchtop Cable

SuperSpeed V-Module Development Kits

SPECIFICATIONS

Configurations	SuperSpeed V-7001 .7" XGA Development Kits	SuperSpeed V-9501 .95" 1080p Development Kits	SuperSpeed V-9601 .96" WUXGA Development Kit	SuperSpeed V-6501 .65" 1080p Development Kit	SuperSpeed V-9001 .9" WQXGA Development Kit
Control Board	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® Discovery™ 4100	DLP® LightCrafter™ 6500	DLP® LightCrafter™ 9000
DMD	DLP7000 .7" XGA Type-A 2xLVDS DMD	DLP9500 .95" 1080p Type-A 2xLVDS DMD	DLP9600 .96" WUXGA Type-A 2xLVDS DMD	DLP6500 .65" VIS 1080p Type-A DMD	DLP9000X .9"VIS WQXGA Type-A DMD
Support Chips	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC410 DLPR410 DLPA200	DLPC910	DLPC910
Window Coating	VIS / UV	VIS / UV	VIS	VIS	VIS
Controller Software	ALP 4.3 SuperSpeed API	ALP 4.3 SuperSpeed API	ALP 4.3 SuperSpeed API	ALP 4.3 SuperSpeed API	ALP 4.3 SuperSpeed API
Resolution	1024 x 768 (XGA)	1920 x 1080 (1080p)	1920 x 1200 (WUXGA)	1920 x 1080 (1080p)	2560 x 1600 (WQXGA)
Micromirror Pitch	13.6µm	10.8µm	10.8µm	7.6µm	7.6µm
Controller Interface	USB 3.0	USB 3.0	USB 3.0	USB 3.0	USB 3.0
Pattern Rates	1-bit - 22,727Hz 8-bit - 290Hz	1-bit - 17,857Hz 8-bit - 266Hz	1-bit - 16,393Hz 8-bit - 261Hz	1-bit - 10,309Hz 8-bit - 266Hz	1-bit - 12,987Hz 8-bit - 303Hz
USB Transfer Rate	4000*fps	1600*fps	1500*fps	1600*fps	1100*fps
On Board Memory	8GB / 16GB	8GB / 16GB	8GB / 16GB	8GB / 16GB	8GB / 16GB
Binary Pattern Storage	87,381 / 174,762	31,068 / 62,137	27,962 / 55,924	31,068 / 62,137	16,777 / 33,554
I/O Triggers	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse	Master/Slave Delay, Pulse
Optics Bundles	SuperSpeed .7" VIS XGA RAY-07A LED or Fiber Optics Bundles	N/A	N/A	N/A	N/A
Illumination	**SugarCUBE	N/A	N/A	N/A	N/A

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

**Available with Fiber configurations



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