



DLP[®] *Laser* LightCrafter[™]

DLP[®] *Laser* LightCrafter[™] is a compact evaluation module for integrating projected light into industrial, medical, and scientific applications. This DLP-based platform will enable faster development cycles for end equipments requiring small form factor, lower cost and intelligent, high-speed pattern display. DLP *Laser* LightCrafter features the 0.3 WVGA chipset, which is well suited for a variety of embedded functions such as: structured light pattern projection, intelligent lighting, wavelength selection and portable display. Developers can easily create, store, and display high-speed pattern sequences through an easy-to-use graphical user interface (GUI).

System	DLP 0.3" DMD
Native Resolution	WVGA (854 x 480)
Brightness	50 Lumens
Contrast Ratio	1000:1
Aspect Ratio	16:9 Native
Light Source	2LED (GB)+ Laser 808nm 1W/5W
LED Light Life	20000 Hours
LED Power	14W
Throw Ratio	1.85 at 100% Offset
Image Size (m)	0.4m@0.217m; 4m@2.2m
Image Size (inch)	1.32ft@9.5inch; 13ft@96inch
Focus Mechanism	Manual
Dimension	74.6 x 60 x 18.5mm (Include heatsink)
Size	82cc

Features

- Hybrid Light output(Green, Blue LED, IR Laser)
- WVGA resolution (608x684 native)
- Up to 4kHz binary pattern rate
- Configurable I/O trigger
- DM365 embedded processor
- 128MB NAND flash memory
- USB, Mini HDMI, UART interfaces

Included

- DLP 0.3 WVGA chipset
- GBIR LED/Laser light engine
- DMD controller board
- Processor and interface board Embedded Linux OS

