*Technical Article*

# *Now Showing – Bring Innovative DLP® Technology to Your Designs Today*

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From digital cinema to head-up display (HUD), TI DLP® technology offers distinct advantages when it comes to displays. Across a range of markets including personal electronics, automotive, industrial and medical, you can incorporate DLP technology into your designs with the help of one of our evaluation modules (EVMs) – and by tapping our vast support and community networks.

To further help get you started, we want to highlight some of our helpful training videos.

### How DLP Technology Works

First, let's take a "big picture" look at the benefits DLP technology offers developers. This video provides an overview of how a digital micromirror device (DMD) works and explores some of the many possible applications.

### Limitless Display Capabilities

Clearly, the display possibilities with DLP technology are far reaching. That's especially true with TI DLP Pico™ technology, which as this next video explains, allows developers to create brighter, smaller and more efficient display applications.

### TI DLP LightCrafter™ EVM's

Now that you've seen just how compelling and robust DLP technology can be, let's take a closer look at some of the EVMs we have available to help you start bringing your new designs to market. First up is the DLP LightCrafter Display 2010 EVM, which uses our smallest and most portable chipset, the TI DLP Pico 0.2-inch series display.

There's a three part series to help you get started with high resolution TI DLP LightCrafter 6500 and 9000 EVMs. In part one, we look at how to get started and provide an overview of the graphical user interface (GUI).

Part two of this series takes a closer look at the basic pattern mode GUI functions for the 6500 and 9000 EVMs.

The last part of this series will get you up to speed on the batch files, peripherals and firmware panels for the DLP LightCrafter 6500 and 9000 EVMs.

### Dlp Nirscan™ Evm

Lastly is the DLP NIRscan EVM – an ideal choice for assessing your DMD when designing a high performance, affordable near-infrared spectrometer for use in the food, pharmaceutical, oil/gas and other emerging industries to deliver lab performance levels in the factory and the field. This EVM features the DLP 0.45 WXGA NIR chipset, which is the first DLP chipset optimized for use with near-infrared (NIR) light.

Click here learn how to use the DLP® NIRscan™ Evaluation Module (EVM) .

Clearly, there are many ways to incorporate flexible DLP technology and make your design a success.  We encourage you to visit our official YouTube channel for more great content about DLP technology. And as always, be sure to check out the DLP products page for additional resources including technical support. You can also access to our active TI E2E™ community network for developers.

# IMPORTANT NOTICE AND DISCLAIMER



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