



D-ILA™

The Technology for
IMAGES OF PERFECTION

JVC®
PROFESSIONAL

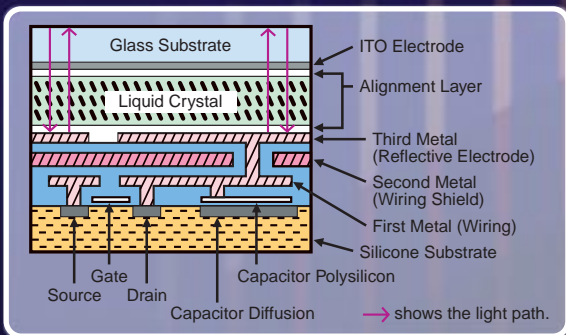


D-ILA™: It's not just about how much details we can show, but also about how beautifully we display it!

With 1365 x 1024 pixels, JVC's D-ILA Technology provides the highest native resolution with the least visible pixels.

We have come a long way in the emerging world of digital imaging. By capturing and processing high quality pictures, we have come to expect extraordinary detail in all that we view. Digital TV will deliver life like signals at 1080i or 720p while computers create resolutions of 1280 x 1024 or higher and digital cameras measure their capacity in millions of pixels!

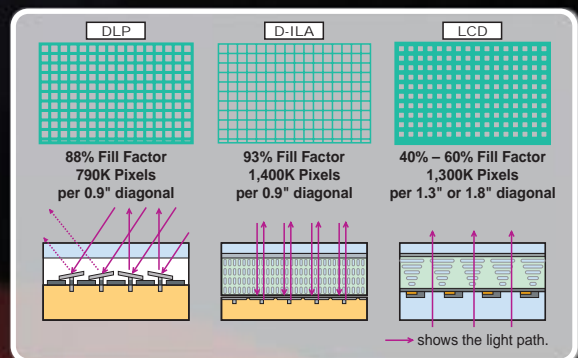
No matter how much details you have in your pictures, however, you won't be able to enjoy the quality that they provides without a technology capable of faithfully reproducing the full details of the original, without excuses. That's exactly what we at JVC have to offer.....



The D-ILA (Direct Drive Image Light Amplifier) technology that JVC has developed is based on an innovation in microchip design that permits the viewer to enjoy the full range of benefits from any high quality source whether from a video deck or a computer device. The D-ILA technology packs 1.4 million pixels onto a 0.9" chip at a resolution of 1365 x 1024, enabling the end user to display the full SXGA (1280 x 1024) without compressing or scaling the image which would result in lost information on the screen.

The D-ILA with its innovative CMOS design is the key to providing all the detail in a picture. For the D-ILA device, JVC has placed the matrix addressing switches and electronics right behind (not in-between) the light-modulating liquid crystal layer. This "3-dimensional" layout has resulted in a 93% fill factor and has virtually eliminated annoying "grid" or "screen door effects" so evident in other fixed matrix display technologies.

What is the end result? Images as smooth and natural as film with details and information fully displayed from the original source. The high resolution of the D-ILA technology combined with the superb brightness, contrast, color, and a noticeable absence of "pixelization" add up to a picture that you will enjoy seeing time and time again....



DLP is a trademark of Texas Instruments Inc.

The D-ILA Technology delivers "Images of perfection" even close up to the screen. Just step up and see for yourself.

The D-ILA technology in projectors delivers the best combination of brightness, resolution, contrast and colors.



DLA-G3010Z



DLA-G20



DLA-M4000

JVC has developed a complete line of projectors using this unique D-ILA device as the core technology. The reflective design of the chip combined with a high powered light source creates the first truly high performance digital projector from every stand point with brightness currently up to 4000 ANSI lumens.

Inherent in the design of the D-ILA device is a unique, vertically aligned ("homeotropic") liquid crystal layer which delivers an excellent contrast ratio, theoretically as high as 2000:1 (for device itself). All JVC D-ILA projectors take advantage of this design and provide a dynamic range of light from stunning blacks to brilliant whites unmatched by any other technology.

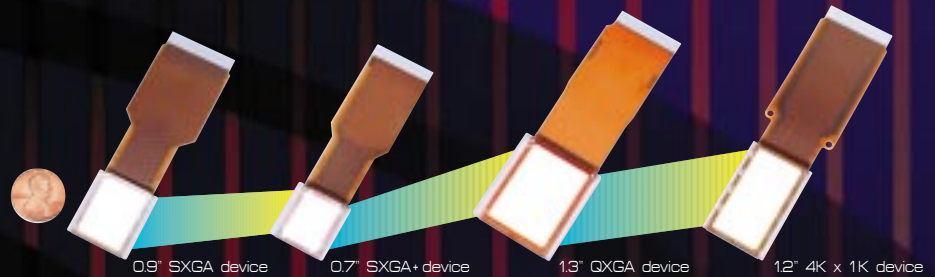
All of the advantages of the D-ILA technology is further enhanced by countless innovations by JVC for video processing, gamma control, pixel conversion and scaling which place JVC D-ILA projectors at the head of the class.

And the D-ILA technology is about projecting the future.

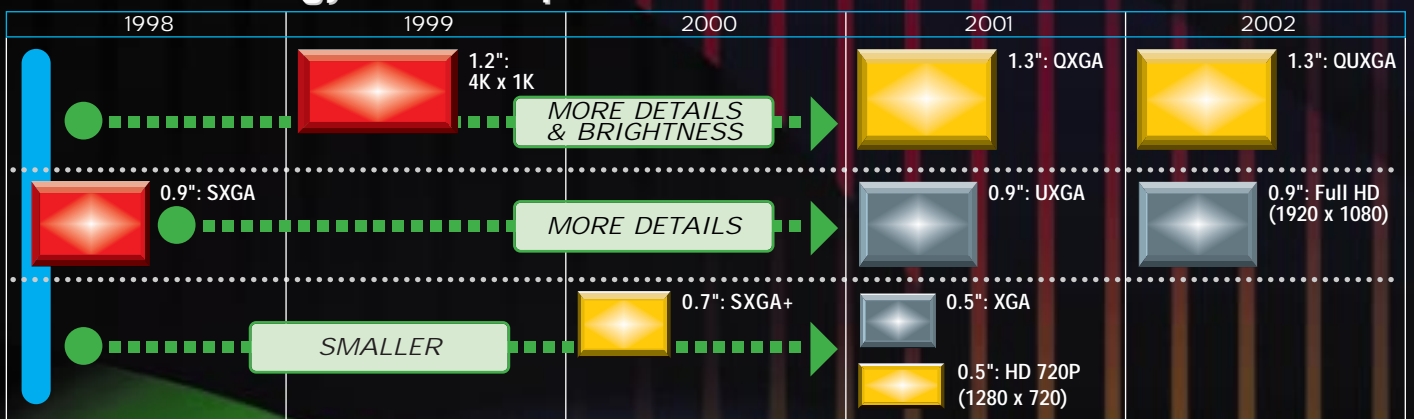
While leading the market in true high performance large screen display projectors with the current D-ILA device, this is only the beginning. With the technology's unlimited potential to process more information, JVC is developing new generation of D-ILA devices for exciting applications for the future.

The new 0.7" SXGA+ (1400 x 1050) device is to take advantage of higher yield and therefore lower cost while offering a higher resolution, and will be the key device for more affordable home and general presentation projectors.

Also coming soon is the industry leading QXGA (2048 x 1536) device. With the full compatibility with HDTV (1080i) without compression and D-ILA's hallmark of a silky smoothness of picture, it will become the premier display technology for digital cinema and other high-end applications.



D-ILA Technology Road Map



With 2048 x 1536 and even more resolution, native HDTV, QXGA, Digital Cinema and many other applications beyond your imagination are just there Our D-ILA technology starts beyond where everyone else's leave off!

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For more information, call
1-800-526-5308 or visit us at www.jvc.com/pro/dila