

JVC

NEW PRODUCT NEWS

DILA-QX130

1.3-inch QXGA D-ILA™ device

Top-end projection device ideal for Ultra-Large Venues and e-cinema



- **World's first projection device with QXGA high-resolution**

Newly developed 1.3-inch QXGA device based on our market-proven SXGA device.

- **The ultimate in performance — ideal for electronic cinema**

QXGA's resolution of 3.15 million pixels (2048 x 1536) enables it to display the entire spectrum of high definition television as well as high-resolution computer images, making it the ideal choice for the high-quality picture requirements of electronic cinema.

D-ILA projection device, JVC's LCOS (Liquid Crystal On Silicon), is the world's only device of this type in mass production.

JVC's original D-ILA device offers the ultimate in projection performance. Its exclusive technology combines high aperture ratio and high light output with high contrast and high-density pixels to assure today's highest quality image reproduction capability. The following four features make this outstanding performance possible.

1 Reflective type

Pixel addresses and liquid crystals are aligned in three dimensions, making it possible to achieve a very high aperture ratio.

2 Vertically aligned liquid crystal layer

This is the key to the D-ILA device's superior performance. By aligning the liquid crystal layers vertically, much higher contrast and faster response are possible.

3 High-density pixels

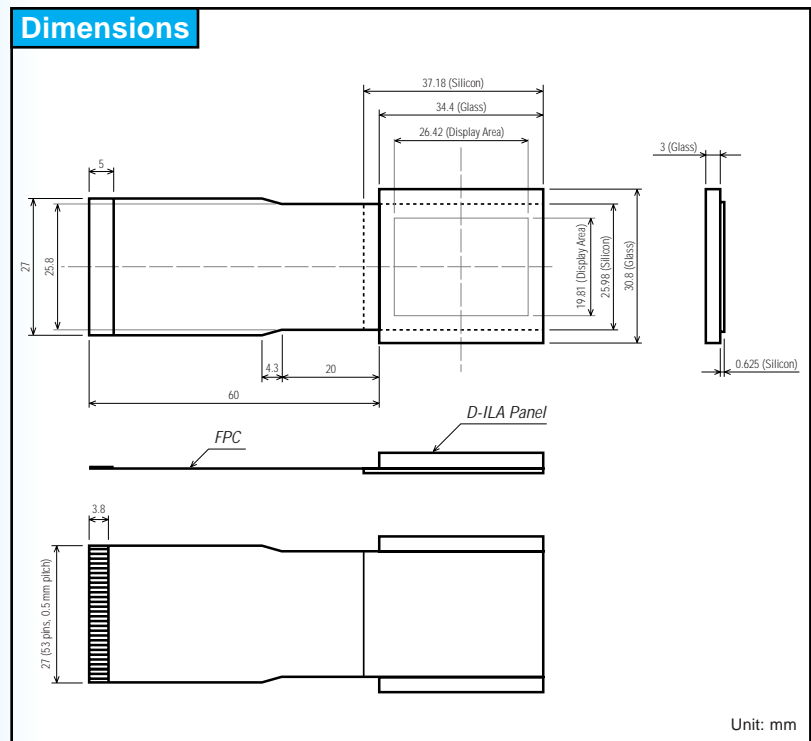
The unique design of the D-ILA device gives it the highest density potential of any device on the market today. This makes it possible to achieve higher resolutions with the same size and smaller sizes with the same resolution.

4 High light output

The combination of high aperture ratio and optimized light efficiency maximize the projection light output.

Specifications (DILA-QX130)

Display method	Reflective type active matrix method
Display size	1.30 inch diagonal
Effective display area	26.6 (H) x 19.9 (V) mm
Resolution	2048 (H) x 1536 (V)
Pixel pitch	12.9 (H) x 12.9 (V) μm
Contrast ratio	1000:1
Response time	<16 ms (rise + fall)
Supply voltage	-5 V (digital), -15 V (signal)



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Design and specifications subject to change without notice.

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