



The Perfect Experience, /—

4K2K D-ILA Projector DLA-SH4KE

Tentative Information

G.W.Emrich 2008-03-01



- Features of the New 1.27-inch 4K2K D-ILA Device
- 6.8 μ m pixel pitch achieves smallest 4K2K display device
- 10-megapixel(4096 x 2400 pixels) ultra-high-definition displayed images
- 0.25 μ m gap achieves a high aperture ratio of at least 93%.
- It permits 4x enlarged WUXGA (1920 x 1200 pixels) images for design and CAD applications

Projection system:	3 D-ILA panel New Technology Optical engine system
Resolution:	4096x2400dot
Brightness:	3500 ANSI Lumens
Contrast Ratio:	10,000:1 (Native) ANSI >300:1
Color Temperature:	6100K
Screen size:	80 – 330 inches
Throw ratio:	1.5:1 - 1.84:1
Input:	12 bit/RGB DVI single link - 4 8 bit/RGB DVI single link - 4 or dual link -2
Signal processing /output:	16bit/12bit
Projection Lens: (Exchangeable)	1,5:1 ~ 1,84:1 Factor 1.22 Shift and all zoom (V = +/- 50% H; +/-30%
1 :1 Lens Lamp:	in production 825W Xenon

Power consumption: <1500W
Weight AC100 or 120V operation supported.
 <50kg
Dimension: 660(W) × 827(D) × 392(H) mm

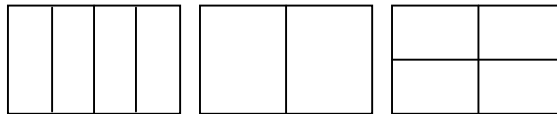
Installation information: Tilt +/- 90 degree
 (no upside / down)

Technical Hints:
Support Resolution: 4096X2400, 4096X2160 max 60Hz
 3840X2400, 3840X2160 max 60Hz
 2048X1200, 2400X1080, 1920X1080, 1920X1200
 1600X1200, 1280X1024, 1024X760 800X600,
 640X480

Input processing greyscale deep:

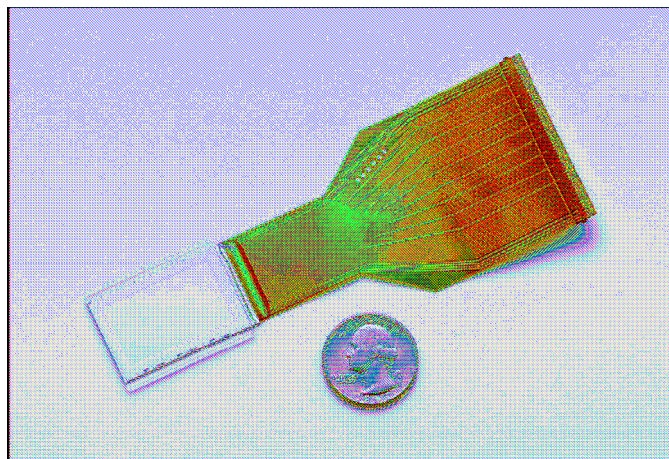
12bit/each color (max)	Dual×4
10bit/each color	Dual×4
8bit/each color	Dual×2
8bit/each color	Snglel×4

Input style formats:



Latency timing: 0.6frame at 48Hz,50Hz,60Hz (±1Hz)
input CH signal must be synchronized
 2frame for the other condition

ALL ABOVE TECHNICAL DATA ARE TENTATIVE



The new D-ILA 4K Device