



4K...in *Every* Way

EK65KHLU is the first Native-4K Ultra Narrow Bezel LCD from GPO Display. As a part of our [Easy-4K series](#) of video wall displays, this model is ready for 4K content on individual screens or across a daisy-chained video wall.

Daisy-chaining of 4K/UHD signals

Easy-4K models support daisy-chaining of 4K signals via HDMI 2.0 through up to ten displays. This makes the expansion of 4K video across most video walls simple, easy, and low-cost.

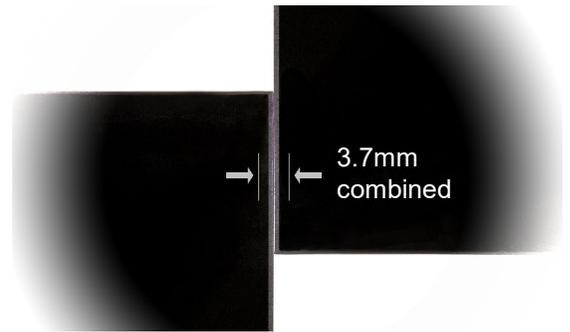
One-of-a-kind Native 4K Resolution

Never before have video wall displays offered both Ultra Narrow Bezels (3.7mm combined gap) and native 4K (3840x2160) resolution per panel. This means more uninterrupted panel area and greater pixel density.

Features

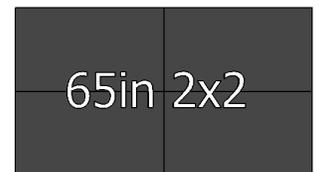
Ultra Narrow Bezel

This Ultra Narrow Bezel (UNB) display features a tiled gap of 3.7mm. This Ultra Narrow tiled gap makes for truly stunning arrays at any size. While this bezel gap is slightly wider than most Easy-4K displays, EK65KHLU provides more uninterrupted panel area than other video wall displays, lending a seamless appearance to any array.



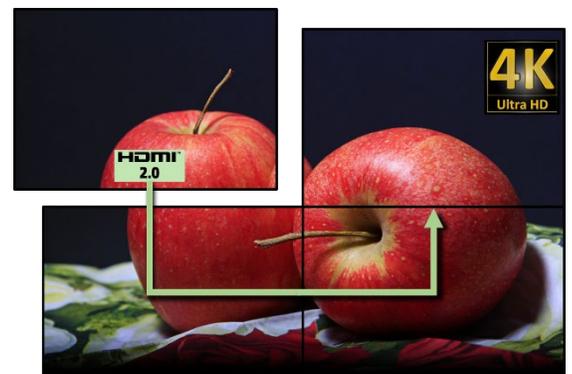
More panel, more resolution, less bezel

A 2x2 comprised of EK65KHLU is similarly-sized to a 46" 3x3 video wall but with far fewer bezels & cross-hatches. Not only does this mean more panel area with fewer bezels, it means higher overall resolution. A 65" 2x2 provides 8K native resolution (7680x4320) vs the 5760x3240 native resolution of a 46" 3x3.



Easy-4k daisy-chaining

Expanding 4K/Ultra-HD content across large video wall arrays is made simple via support of HDMI 2.0 daisy-chaining. 4K content can be shown on video wall arrays of up to ten displays using a single HDMI cable without signal amplification, making stunning 4K video walls possible without the added cost of video wall processors or multi-output computers. Full-HD (1920x1080) content can be carried through up to 25 displays without signal amplification. With distribution amplifiers in place, arrays of up to 256 displays are possible.



EK65KHLU

Panel Attributes

Screen Size (Diag.)	65"
Panel Technology	Commercial-grade S-VA / Direct-LED backlight
Resolution	3840x2160
Surface Treatment	Anti-glare surface treatment (total haze 25%, outer haze 23%)
Brightness (Typ.)	700nit
Contrast Ratio (Typ.)	4,000:1
Displayable Colors	10bit(D), 1.07 Billion colors
Viewing Angle	178° (min) / 178° (min)
Response Time (Typ. GTG)	8ms
Aspect Ratio	16:9
Tiled Bezel Width	3.7 mm (combined)
Refresh rate	60Hz

Dimensions, Power & Other

Dimension (W x H x D) , Weight(typ.)	Net	56.4" x 31.8" x 3.43"	70lbs
	Gross	66" x 45" x 12"	92lbs
VESA Pattern (mm)	600 X 400		
Electrical Ratings	AC 100 - 240V (50/60Hz)		
Power Consumption (Typ.)	160W / 1.9A		
BTU rating (Typ.)	546		
Mullion Compensation	SICP software or Remote control		
Operating Temperature	32°F - 104°F		
Operating Humidity Range	10~90%		
Possible Display Type	Landscape and Portrait-Compatible		
Industrial Reliability	50,000+ Hours		
Warranty	Two Years Limited (parts & labor)		

Connectivity

DisplayPort	1 x Input
HDMI (up to 3840 x 2160)	1 x Input, 1 x output
HD-SDI (optional)	1 x Input, 1 x output
RS-232	1 x Input, 1 x output
Ethernet (RJ45 for control & monitoring)	1 x Input
USB (for service only)	1 x Input

Project-based Factory Color Calibration

All Easy-4K displays are assembled-to-order on a project basis. This allows for more accurate color calibration prior to shipment.



By pre-calibrating and ensuring a match between displays associated with a single deployment, GPO Display reduces the need for post-installation calibration and adjustments.

HD-SDI In/Out (optional)

Easy-4K displays bring users expanded connectivity in the form of a daisy-chainable HD-SDI input. Broadcast engineers have long known the benefits of HD-SDI over HDMI, such as significantly longer run distance (~100m), instantaneous switching, locking connectors, and signal reliability. These displays' HD-SDI daisy-chain capability also eliminates the need for conversion, which can increase cost and serve as an additional point of failure.

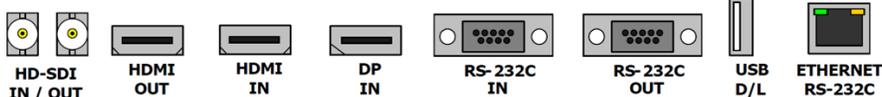


Lightweight Design

Despite its large size, EK65KHLU is only 70lbs. This makes it the lightest display per square inch of panel area in the GPO Display lineup. This makes for easy, safe installation in our proprietary H-Mounts or third-party mounts.

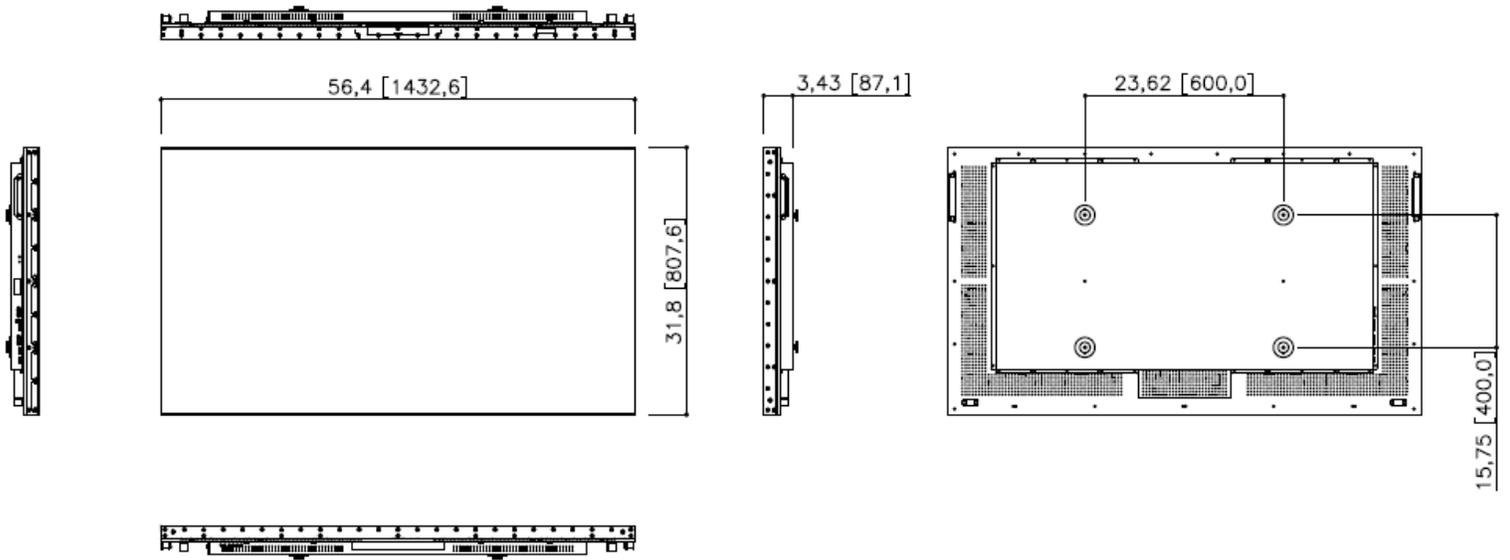


- 24/7/365-Rated
- Built-in Video Wall Processor (up to 11x11 Natural Mode)
- Color temperature preset (3200k/5600k/6500k/7800k/9300k)
- Includes [Video Wall Control Software](#)
- Includes necessary cables for daisy-chain of both control and video signals



Mechanical Drawing

Set Drawing



Note: *GPO Display* may change specifications and designs without notice

Accessories with product: RS-232 cable, HDMI cable, AC Power Cord, Remote Control, Batteries for remote control, User manual & Software on USB Flash Drive

