



# 4K...in a Major Way

The all-new [Easy-4K series](#) of video wall displays from GPO Display allows for extraordinary video walls that are ready for the future of video content.

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## 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.

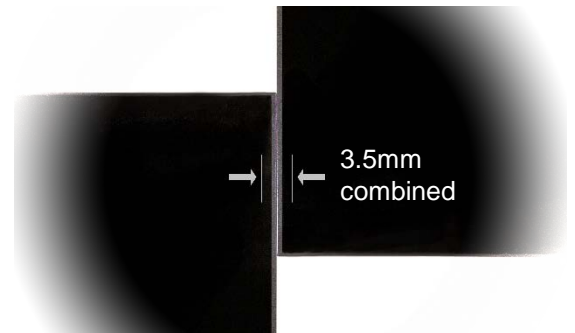
## HD-SDI System (Optional)

HD-SDI inputs are optional on all Easy-4K models, making these displays ideal for broadcast environments, security applications, and more

# Features

## Ultra Narrow Bezel

Ultra Narrow Bezel (ENB) displays feature a tiled gap of 3.5mm . This Ultra Narrow tiled gap makes for truly stunning arrays at any size.



## 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.



## Anti-Glare coating and Surface Treatment

Like all GPO Display video wall models, Easy-4K displays feature substantial Anti-Glare coating. This allows content to shine through in virtually any indoor application. Hard-coating surface treatment lends durability to displays that may be placed in high-traffic, public settings.

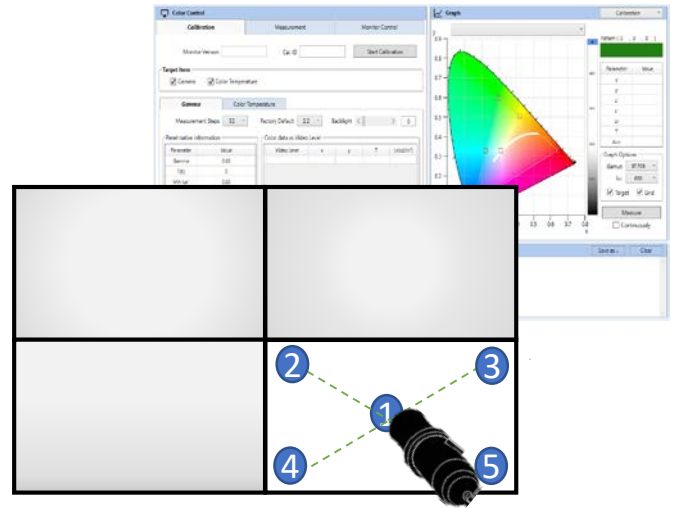


Anti-Glare

# Options

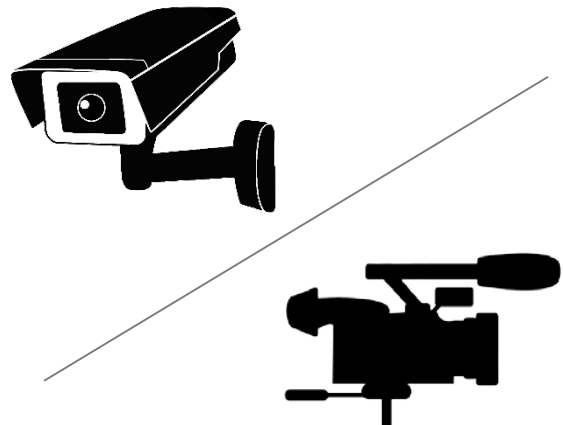
## CALKIT-EK color calibration kit

Are you looking for the highest level of color uniformity for your videowall? Then CALKIT-EK is the solution for you. CALKIT-EK is an automatic color calibration kit specifically designed for our Easy-4K (EK) series displays. CALKIT-EK provides serious color perfectionists with the perfect combination of color precision, speed, and controls to fit any configuration of videowall. You'll no longer risk spending hours or even days calibrating to achieve perfect color balance.



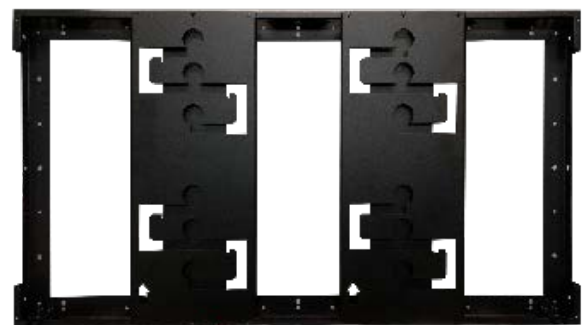
## HD-SDI In/Out

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 (~300m), 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.



## Auto-Aligning Mounts

New [Z-Shift Video Wall Mounts](#) allow for a quick, safe installation and easy alignment, which is especially important with Extreme Narrow Bezel displays. Z-Shift mounts prevent alignment "drift" during installation or service, ensuring that displays remain in perfect alignment throughout the course of the video wall's lifetime. Side covers/trim are included for a clean, finished appearance from almost any angle.



# EK55MSU

## Panel Attributes

Screen Size (Diag.)	55"
Panel Technology	Commercial-grade SPVA / Direct-LED backlight
Resolution	1920 x 1080
Pixel Pitch (mm)	0.630 (H) x 0.630 (V)
Surface Treatment	Hard coating (3H), Haze 44% (Typ.)
Brightness (Typ.)	500nit
Contrast Ratio (Typ.)	3,500:1 / 10,000:1 (DCR)
Displayable Colors	8bit(D), 16.7 Million colors
Viewing Angle	178° (min) / 178° (min)
Response Time (Typ. GTG)	8ms
Aspect Ratio	16:9
Tiled Bezel Width	3.5 mm (combined)
Refresh rate	60Hz

## Dimensions, Power & Other

Dimension (W x H x D), Weight	47.80" x 27.03" x 4.06" / 64lbs
VESA Pattern (mm)	400 x 300
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (Max.)	170W / 2A
BTU rating (Typ.)	580
Mullion Compensation	SICP software or Remote control
Operating Temperature	32°F - 104°F
Operating Humidity Range	10~80%
Possible Display Type	Landscape and Portrait-Compatible
Industrial Reliability	50,000+ Hours
Warranty	Three Years – Cover 3 / Quick 3

## 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

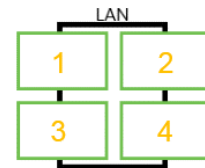
All Easy-4K displays are assembled-to-order on a project basis. This allows for more accurate color calibration prior to shipment.



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.

## Overheat Prevention System

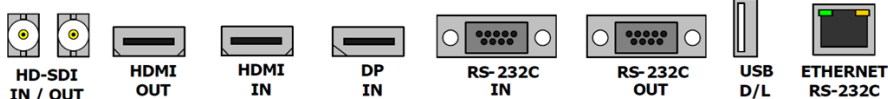
In order to prevent dangerous overheating, a warning message will appear for one minute when overheating occurs, followed by preventative, automatic powering off of the displays



## Control via LAN

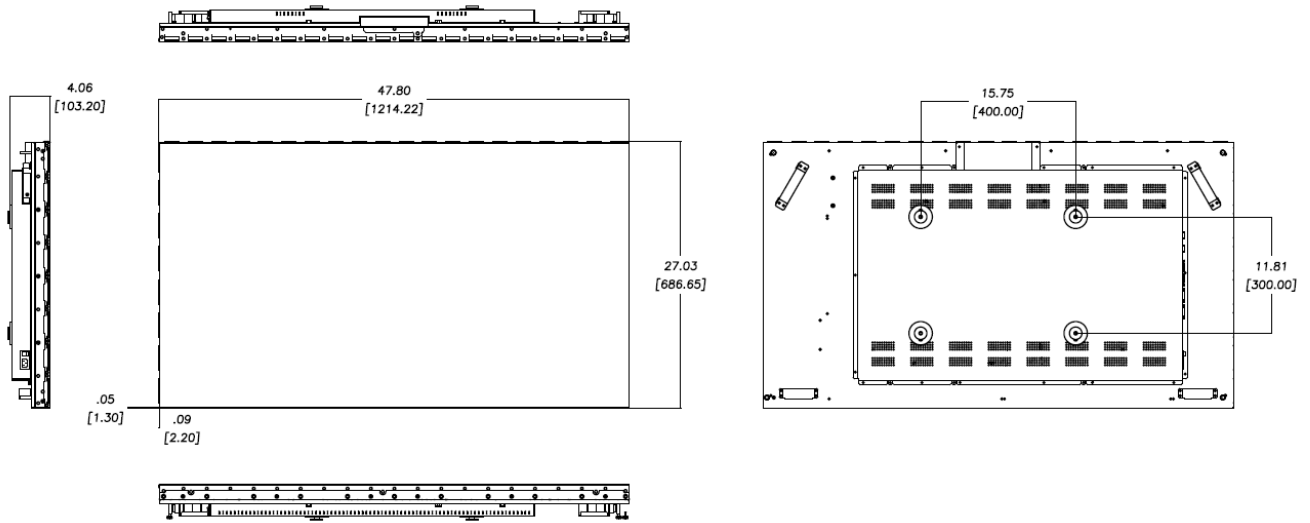
An Ethernet input for control makes Easy-4K displays ready for the newest generation of control devices. This eliminates the need for conversion and RS-232 extension.

- 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

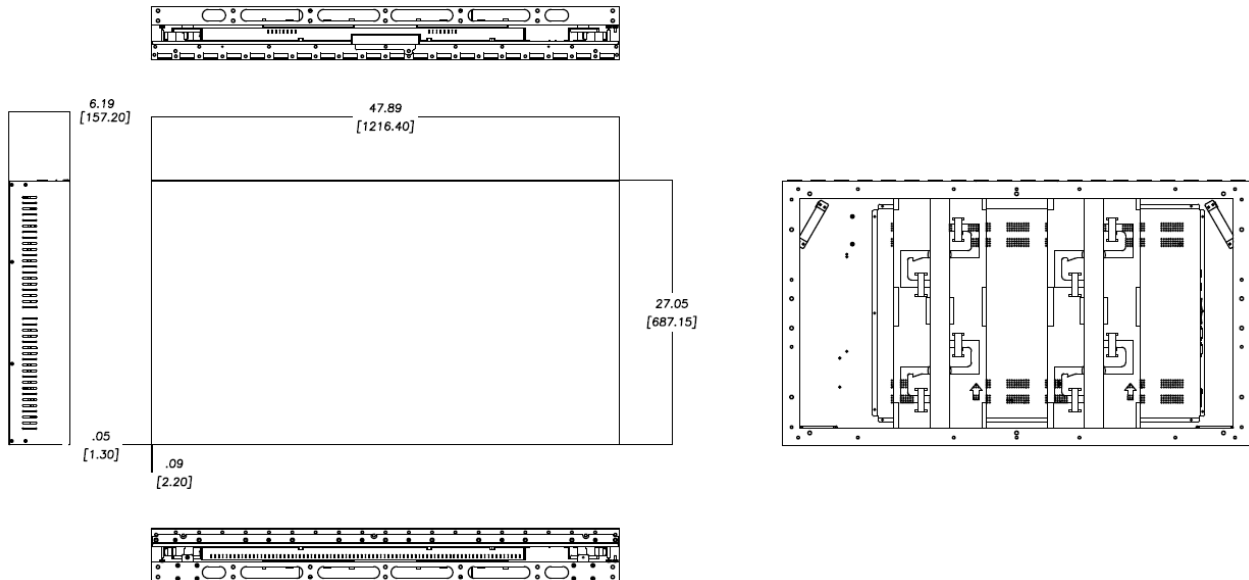


# Mechanical Drawing

## Set Drawing



## Set + ZLM Mount Drawing



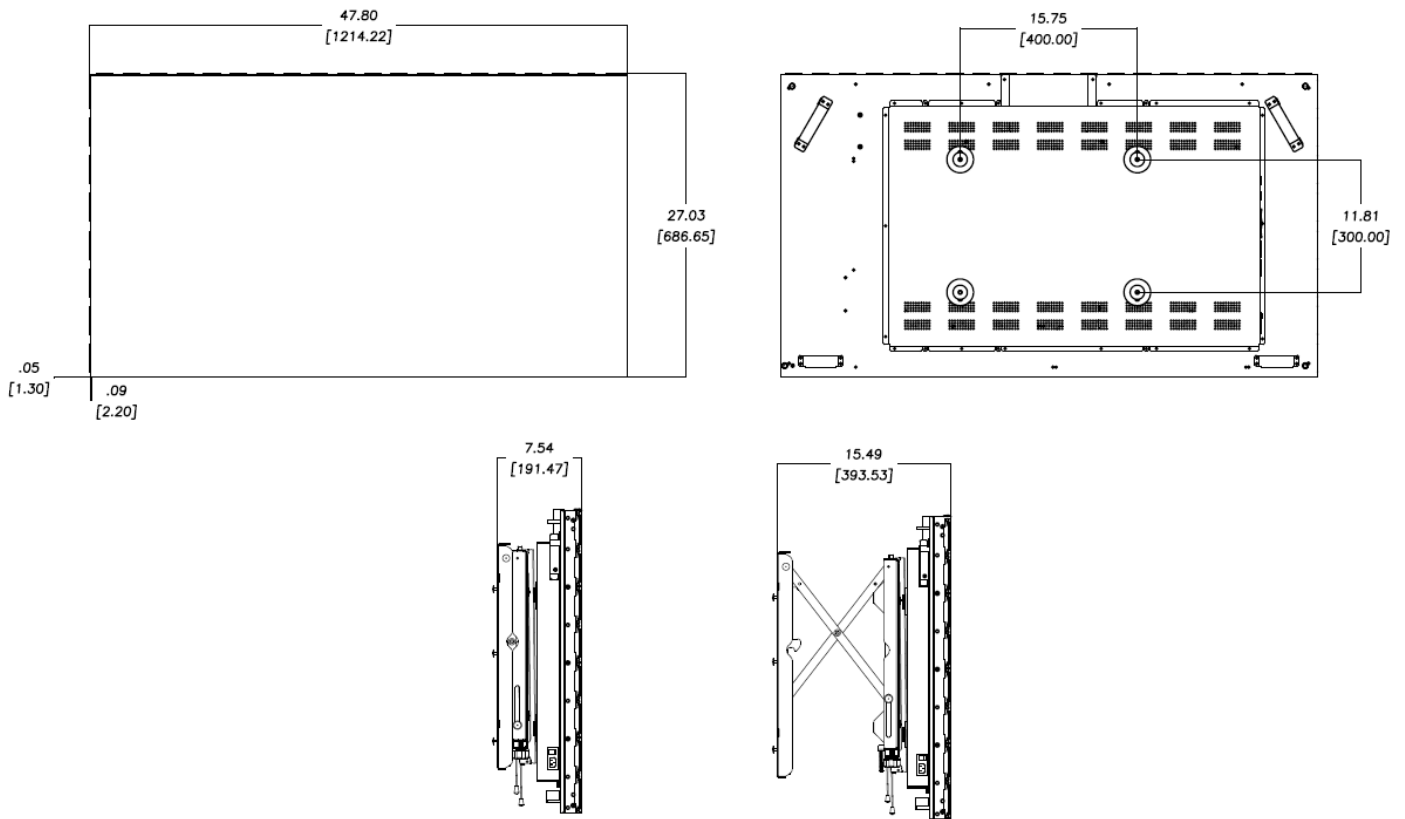
Note: GPO Display may change specifications and designs without notice

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



# Mechanical Drawing

## Set + Full Service Mount Drawing



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

