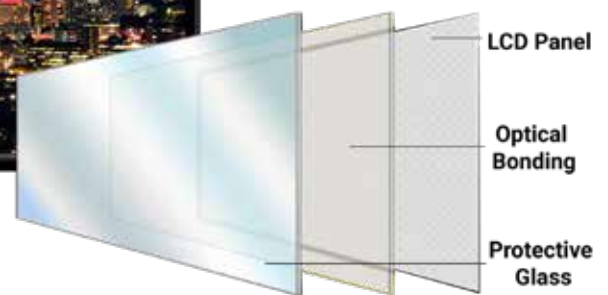


# NEX55MLX-SG



Optically-Bonded Glass



## Sturdiglass

### Video Wall Option

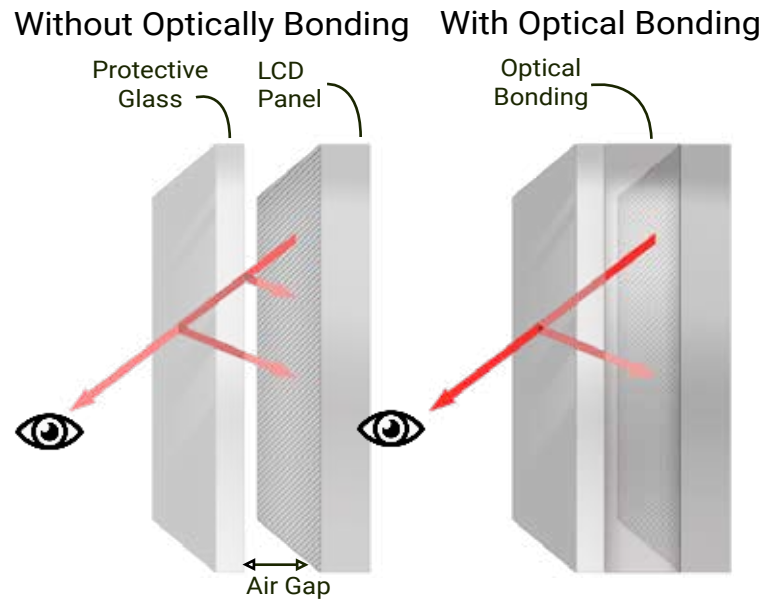
This option for video wall displays improves screen durability without compromising viewing experience. GPO Display uses the latest in optical bonding technology to affix high-grade, durable protective glass to the LCD surface. This ensures a strong, long-term bond that won't "bubble" or peel, even in the most demanding of applications



# Highlights

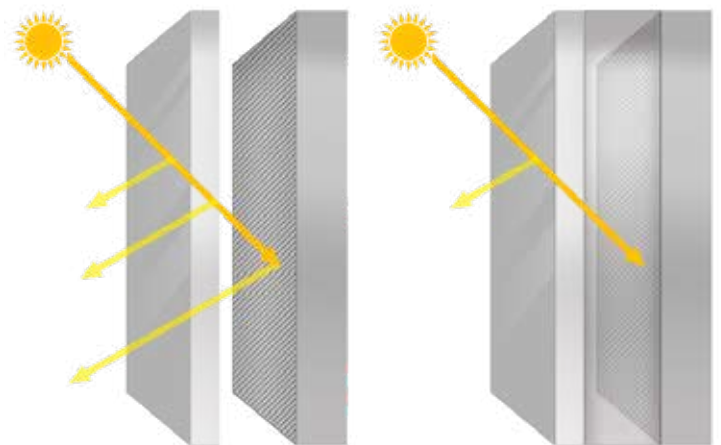
## Clarity Increase

When separate protective glass is used, there is a small gap between the LCD panel and glass. This means that light bends when it passes through the air gap. This results in a loss in its intensity, affecting the screen's readability. Sturdiglass eliminates this issue entirely, providing unparalleled clarity.



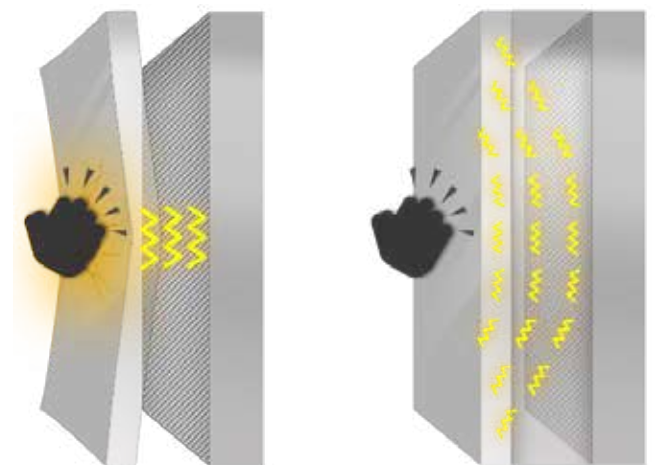
## Glare Reduction

Sturdiglass video walls feature Anti-Glare coating, allowing for their placement in a wider range of environments than other protective glass solutions. The elimination of the air gap between glass and LCD panel also means you will never have to contend with any internal reflection issues.



## Durability Increase

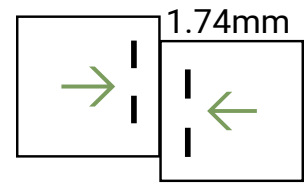
The additional resin layer in Sturdiglass' optical bonding provides increased physical durability to the LCD screen. Eliminating the gap between the LCD module and the panel increases the screen's resistance to scratches, dust, and fluids.



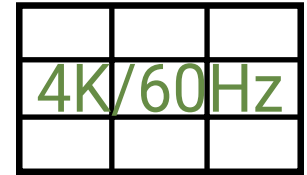
Impact force is distributed with the support of the optical bonding layer.

# Highlights

eXtreme Narrow Bezel (ENB) with a gap of 1.74mm panel bezel to panel bezel.



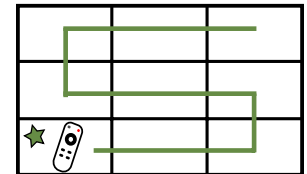
Extended daisy-chaining of 4K/60Hz video signals in arrays up to 5 wide x 5 high.



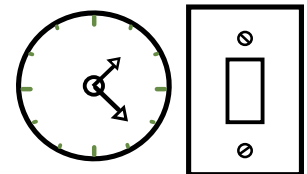
“Secure-Ready” = No NFC, RF, WiFi, or embedded computing.



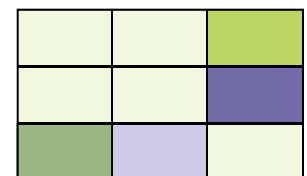
Able to define a “master set” for control of all displays using a single IR remote controller.



On/Off scheduler (no separate control system required).



Quick presets that allow you to recall source layouts with a single serial command.



# Specifications

## Panel Attributes

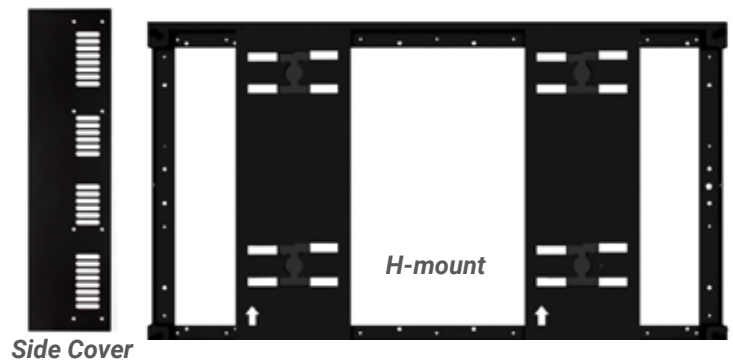
Panel Technology	Commercial-grade IPS / Direct-LED back light
Bezel Width	XNB 1.74mm (Panel Bezel to Panel Bezel) 1.3mm (T/L), 0.44mm (B/R)
Surface Treatment	Hard Coating (3H), Anti-glare treatment of front polarizer (Haze 28%)
Screen Size (diag.)	55"
Native Resolution	1920 x 1080
Active Area (mm)	1209.6 x 680.4
Brightness (typ.)	500nit
Contrast Ratio (typ.)	1,000:1 / 100,000:1 (DCR)
Displayable Colors	10bit(D), 1.07 Billion colors
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Refresh Rate	60Hz

### Includes:

- Video wall control software
- Built-in video wall processor (up to 11 x 11 Natural Mode)
- Direct connection to technical support team

### Options:

- Auto-aligning H-mount (includes side covers)
- Top & bottom covers
- Trim for use with third party mounts
- IR extender



# Specifications

## Dimensions, Power & Other

Dimensions (W x H x D) + Weight	47.73 x 26.89 x 3.66 (in) - 62lbs
Boxed Dimensions (W x D x H) + Weight	54.5 x 9.5 x 33.6 (in) - 85lbs
Packed Pallet Dimensions (L x W x H) + Weight	57 x 24 x 40 (in)* <i>*single display approx. - contact us for higher q'tys</i>
Display Orientation	Landscape or Portrait
Heat Output (BTU/hr)	546
Mounting Pattern (mm)	600 x 400
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (typ.)	180W
Standby Power Consumption	<1W
Operating Temperature	32°F -104°F
Operating Humidity Range	10~90%
Industrial Reliability	60,000+ Hours
Usage Ratings (hrs/days)	24/7**
Warranty	Two Years (parts & labor)

**\*\*Consult with GPO Display regarding best practices for preventing image retention and for prolonging display lifetime.**

## Connectivity

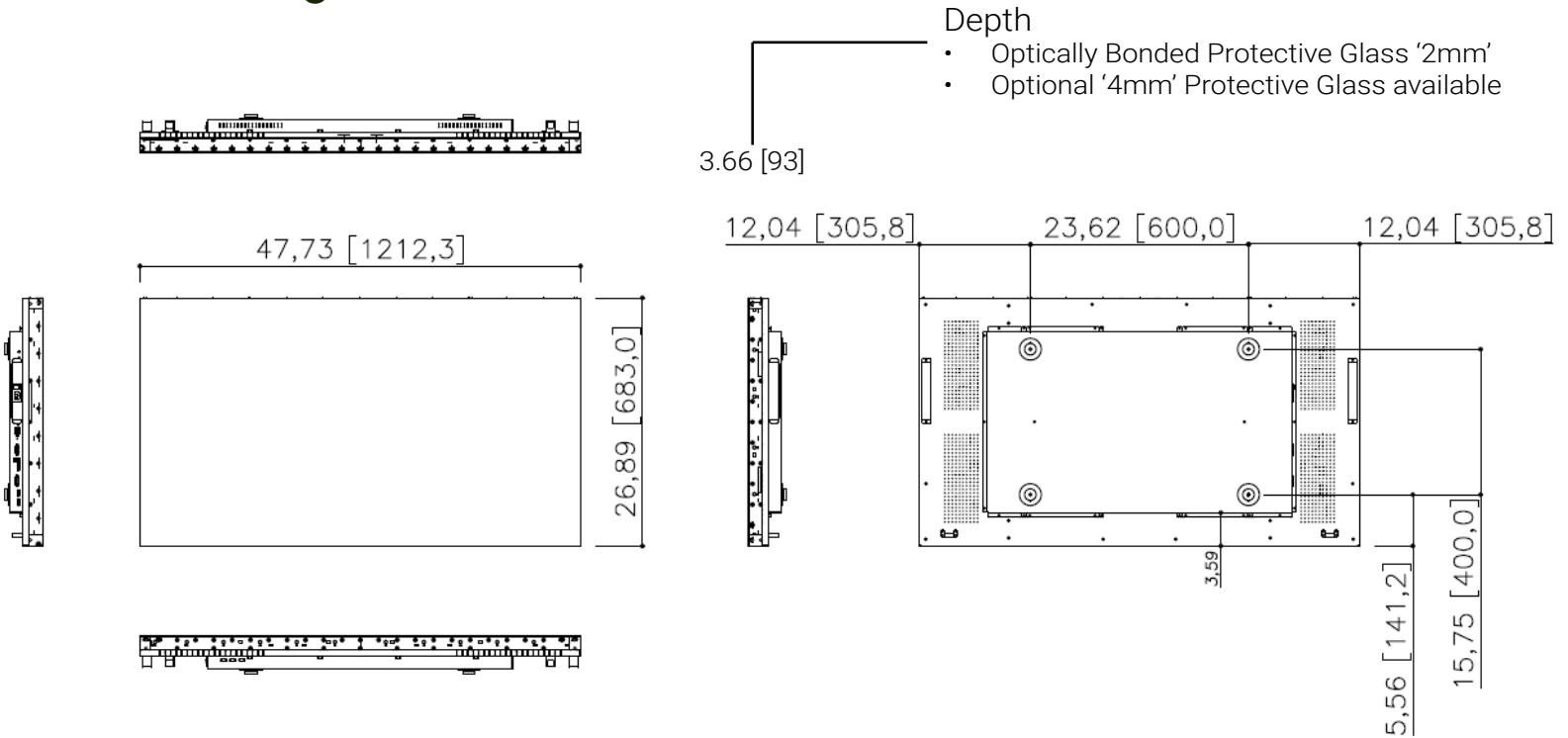
Display Port	2 x Input, 1 x Output ( <i>can carry any input signal</i> )
HDMI (up to 3840 x 2160)	3 x Input
RS-232	1 x Input, 1 x Output
Ethernet (RJ45 for control & monitoring)	1 x Input
USB (for service only)	1 x Input
Audio (3.5mm jack)	1 x Output

## Accessories:

- RS-232 cable x1
- DP cable x1
- AC power cord x1
- Remote control x1
- Batteries for remote control

# Drawings

## Set Drawing



## Set + H-Mount Drawing

