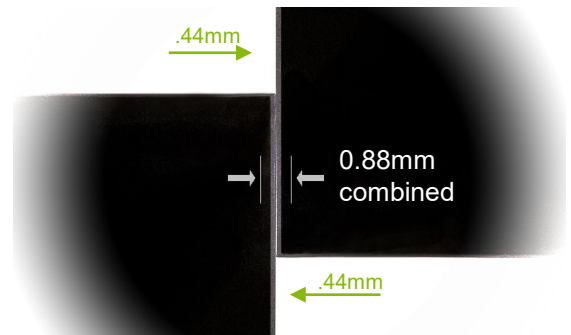# The New Standard

The New Standard video wall series features a slim profile and a wide range of digital video input options (HDMI, DVI and DisplayPort). Like all GPO Display video walls, these displays are built for 24/7/365 operation. Optional Auto Condition Reporting (ACR) Lite provides basic real-time monitoring and diagnostics. Razor Narrow Bezel (0.88mm combined bezel gap), Extreme Narrow Bezel video walls (1.7mm - 1.8mm combined bezel gap) and Ultra Narrow Bezel (3.5mm combined bezel gap) are available in 46", 49", and 55" screen sizes.
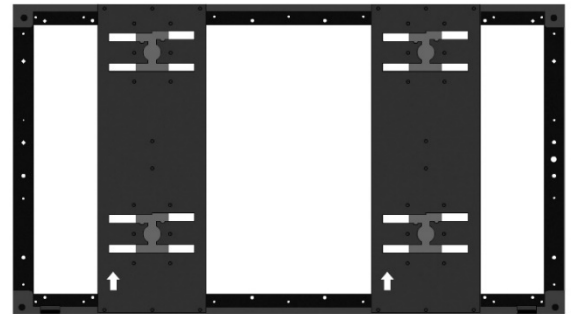
GPO DISPLAY

# Features

## Uniform Bezel

Extreme Narrow Bezel (ENB) displays feature a uniform bezel 0.44mm bezel on all sides for a tiled gap of 0.88mm. This makes for a cleaner, less-prominent bezel appearance when compared to other LCD video wall displays.
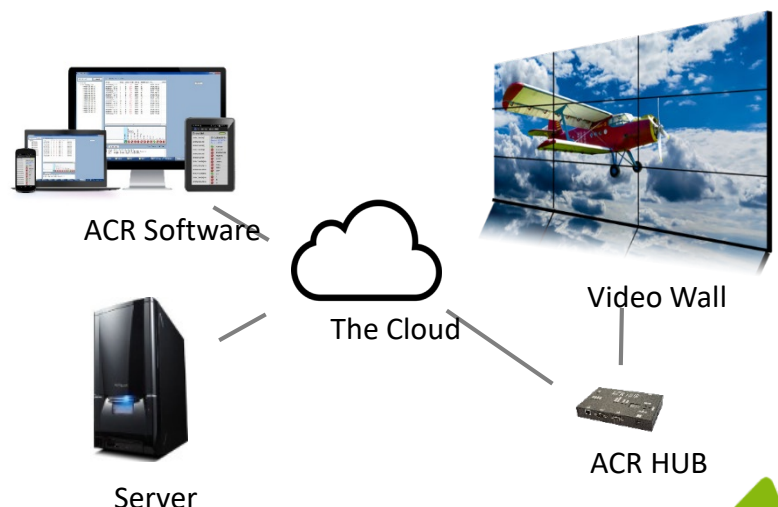


## Auto-Aligning H- Mount

GPO Display's new & improved H-Mount video wall mounting system ensures quick, easy installation with virtually automatic alignment. The H-Mount frame matches the outline dimensions of the display, making for less measuring & re-measuring during the installation process. The unique channel system allows for access to individual displays without the dismounting of neighboring displays. H-Mounts even come with side covers/trim at no additional cost. Most importantly, H-Mounts prevent shifts in alignment over time- an issue commonly associated with front-accessible mounting solutions. For video wall arrays with three or fewer rows of displays, the H-Mount is the ideal solution.



## Optional Auto Condition Reporting (ACR) *Lite* System

ACR *Lite* is a basic version of our Auto Condition Reporting diagnostic/monitoring tool for video wall displays. Real-time status readouts for each display can be gathered on the ACR Hub (a device which sits in the RS-232 control path), on a PC running ACR software, or on an Android tablet or mobile device. From there, users can gather real-time information such as ACR network connectivity, internal display temperature, power state, and input activity. The ACR Android application also allows users to treat their phone as a remote controller, with power on/off, OSD menu access and other simple control functions.

# NSV55MLR

## Panel Attributes

| | |
|---|---|
| Screen Size (Diag.) | 55" |
| Panel Technology | Commercial-grade IPS / Direct-LED backlight |
| Resolution | 1920 x 1080 |
| Pixel Pitch (mm) | 0.630 (H) x 0.630 (V) |
| Surface Treatment | Hard coating (2H), Anti-glare treatment of front polarizer |
| Brightness (Typ.) | 500nit |
| Contrast Ratio (Typ.) | 1,400:1 / 500,000:1 (DCR) |
| 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 | 0.88 mm (combined) |
| Refresh rate | 60Hz |

## Dimensions, Power & Other

| | | |
|---|---|---|
| Dimension (W x H x D) , Weight (typ.) | Net | 47.65" x 26.82" x 3.49" , 54lbs |
| | Gross | 53.5" x 33" x 12" , 70lbs |
| 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 | | 60,000+ Hours |
| Warranty | | Three Years (Limited Parts & Labor) |

## Connectivity

| | |
|---|---|
| DisplayPort | 1 x Input, (use DVI Output for daisy-chain) |
| HDMI | 1 x Input, (use DVI Output for daisy-chain) |
| DVI | 1 x Input, 1 x output |
| VGA | 1 x Input, 1 x output |
| RS232 | 1 x Input, 1 x output |
| ACR Lite System | Optional |
| ACR Hub | Optional |

### Project-based Factory Color Calibration

All New Standard-series 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.

### Quick Preset Function

GPO Display can create "wild card" commands that allow users to get the most out of their video walls when a simple matrix switcher is in place. These "Quick Presets" allow you to recall a source layout with only a single command, reducing transition times between presets and minimizing programming of control systems.
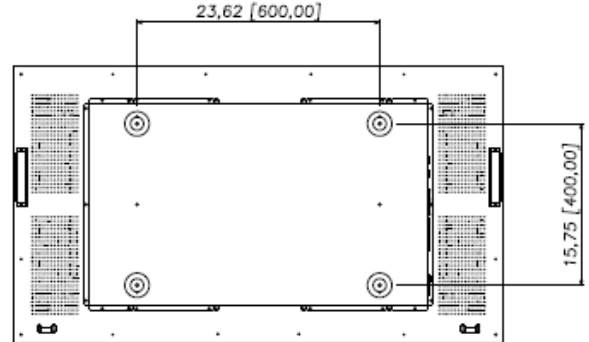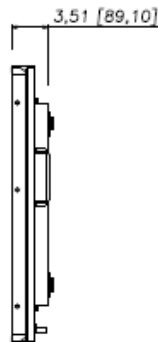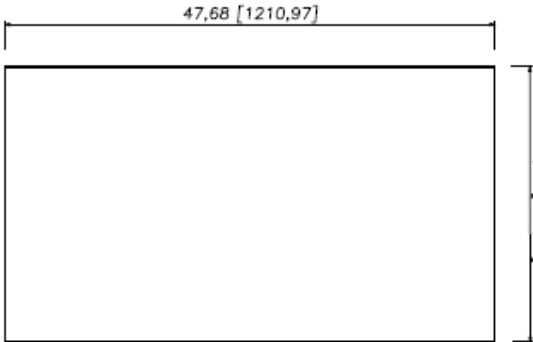
### (Optional) ACR HUB

The ACR Hub serves as both a central point for ACR *Lite* display monitoring as well as an IR extender for remote controllers. This allows users to address one or all sets in a video wall array via remote control.

- 24/7/365-Rated
- Built-in Video Wall Processor (up to 10x10 Natural Mode)
- Quick Preset Function
- Optional Auto Condition Reporting (ACR) *Lite*

- Includes Video Wall Control Software
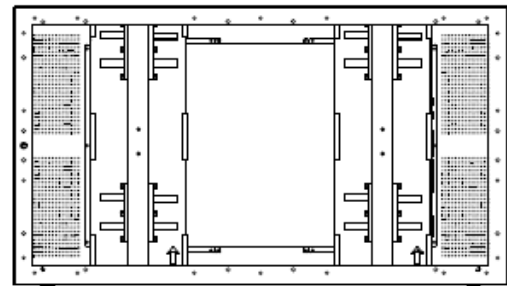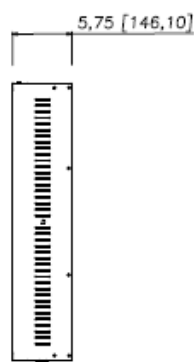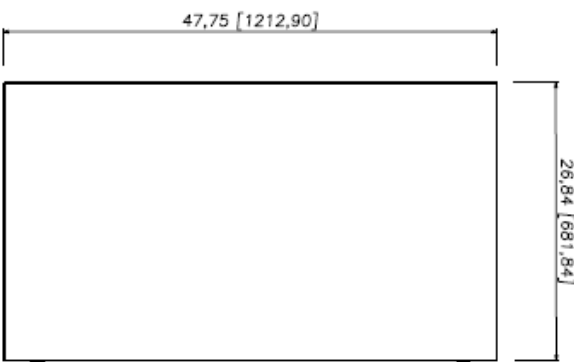- Includes necessary cables for daisy-chain of both control and video signals

| DP In | HDMI In | DVI In | DVI Out | VGA In | VGA Out | RS232 In | RS232 Out | AC Power S/W |
|---|---|---|---|---|---|---|---|---|

GPO DISPLAY

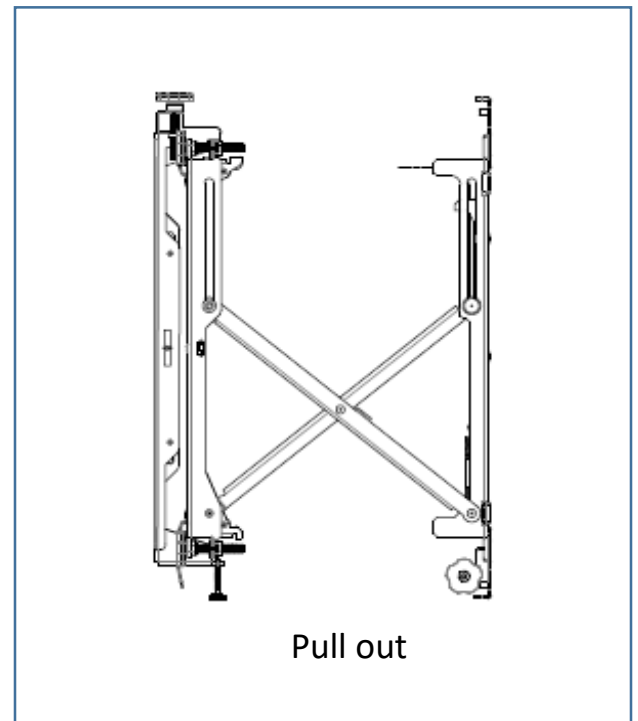# Mechanical Drawing

## Set Drawing
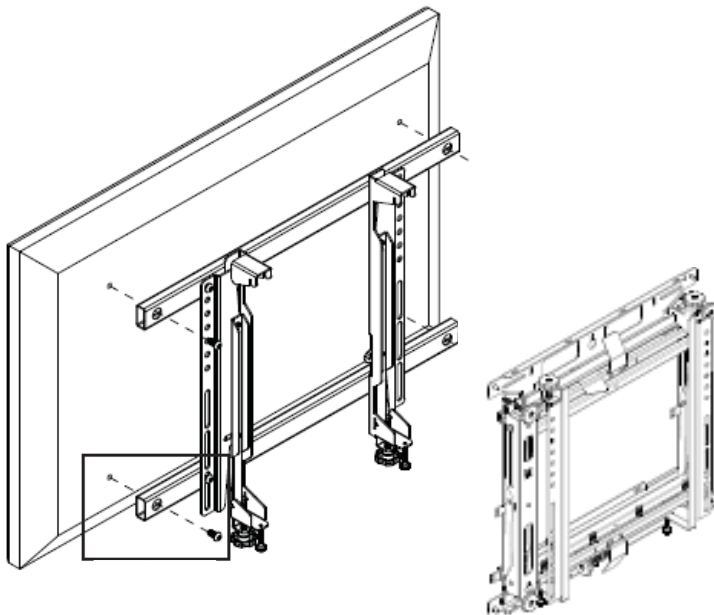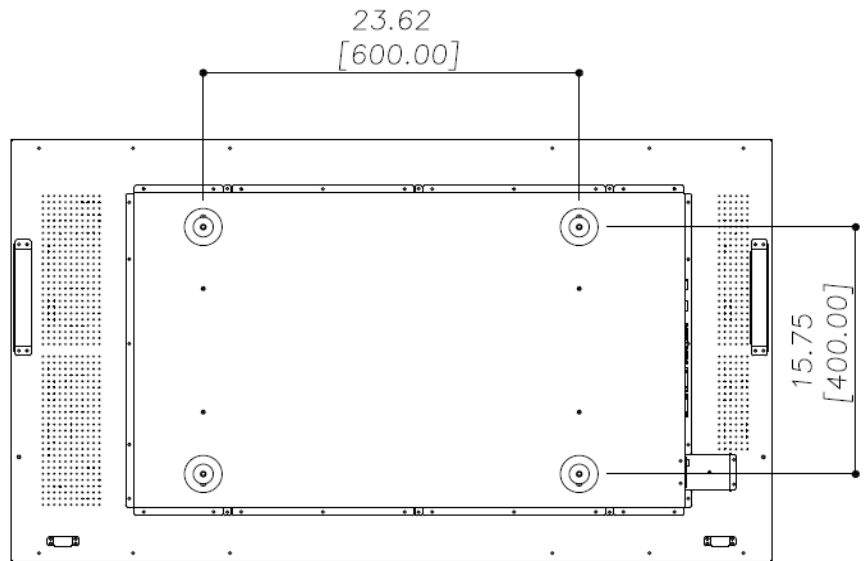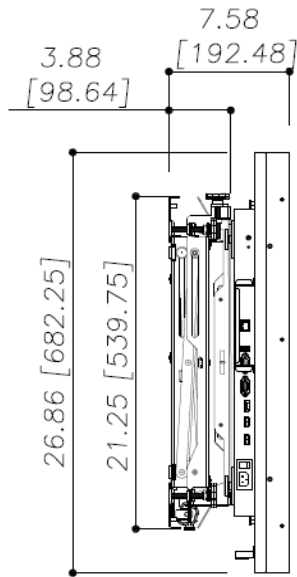


## Set + H-Mount Drawing



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

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

# Mechanical Drawing

**Set + Full Service Mount Drawing**



3.88 [98.64]

7.58 [192.48]

26.86 [682.25]

21.25 [539.75]

23.62 [600.00]

15.75 [400.00]

Pull out

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

GPO DISPLAY