



# The Next Generation of LCD Video Walls

GPO Display's NEX-Series LCD Video Walls provide superior connectivity, improved daisy-chain capabilities, and a wide range of bezel and brightness options for the most demanding applications

## **Extended daisy-chaining of 4K video signals**

Next Gen models support daisy-chaining of 4K/60Hz signals via DisplayPort through arrays as large as 5x5. This makes large video walls visually stunning, easy to configure, and cost-effective.

## **Image Rotation**

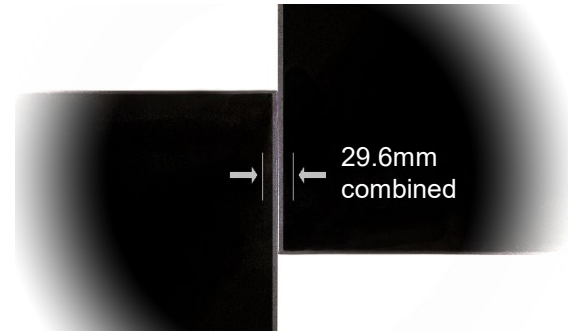
NEX-series displays feature built-in image rotation and image flipping, making it easier for users to display a wide range of content types without a costly processor or adjustments at the source level.



# Features

## Narrow Bezel

NEX75K features an even bezel of 14.8mm on all sides for a tiled gap of 29.6mm. While this is a thicker bezel compared with other GPO Display video wall offerings, there is much more uninterrupted panel area. It's also the only native 4K display option in the Next-Gen lineup.



## Extended 4K/60Hz daisy-chaining

Next Gen video walls allow for the daisy-chaining of video walls up to 5 wide by 5 high via DisplayPort, supporting signal resolutions up to 3840x2160 at 60Hz. Unlike displays which daisy-chain via HDMI or DVI, Next Gen video wall displays support 4:4:4 color space at 4K/60Hz. This makes for large, stunning video wall arrays showing 4K content without compression.

## 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.



# Features

## Expanded input connectivity

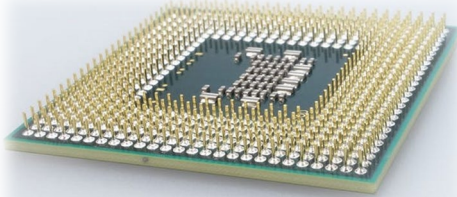
NEX-series displays feature five 4K-capable inputs. All three HDMI 2.0 inputs and both DisplayPort 1.4a inputs are HDCP 2.2 compliant. Each input is capable of receiving up to a 3840x2160/60Hz signal, which can then be carried through the DisplayPort daisy-chain allowing for large, impactful arrays with minimal headend equipment.

HDMI™

X3



X2



## State-of-the-Art scaling

GPO Display uses the highest-grade scaler chips in our video wall solutions, ensuring a clean, crisp image with minimal frame lag. Dynamic backlight control ensures a maximum dynamic contrast ratio for deep, true blacks and vibrant video. Enhanced noise reduction and ghost/ringing reduction filter minimize unsightly artifacts.

## Master set control

Users can define a “Master Set” which allows for the control of all displays at once using a single IR remote controller. This is a convenient control option for cases where a costly third-party control system is out of reach. GPO Display’s control software also presents a no-cost, easy control option via serial or Ethernet.

# NEX75K

## Panel Attributes

Screen Size (Diag.)	75"
Panel Technology	IPS
Resolution	3840x2160
Display area	1650.24 (H) x 928.26 (V)
Brightness (Typ.)	650nit
Contrast Ratio (Typ.)	1,200:1
Displayable Colors	10bit(D), 1.07Billion colors
Viewing Angle	178° (min) / 178° (min)
Response Time (Typ. GTG)	6ms
Aspect Ratio	16:9
Tiled Bezel Width	29.6mm (combined)
Refresh rate	120Hz

## Dimensions, Power & Other

Dimension (W x H x D), Weight	66.13" x 37.7" x 2.95" / 148lbs
VESA Pattern (mm)	600 x 400
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (Max.)	350W
BTU rating (Typ.)	1194
Mullion Compensation	SICP software or Remote control
Operating Temperature	32°F - 122°F
Operating Humidity Range	20~90%
Possible Display Type	Landscape and Portrait-Compatible
Industrial Reliability	50,000+ Hours
Warranty	Two Years (parts & labor)

## Connectivity

DisplayPort	2 x Input, 1 x Output
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

- 24/7/365-Rated
- Built-in Video Wall Processor (up to 11x11 Natural Mode)
- On/Off scheduler (no separate control system required)

## Overheat Prevention System

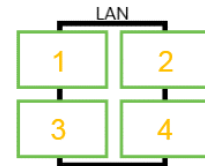
In order to prevent dangerous overheating, a warning message will appear for one minute when overheating occurs, followed by preventative, automatic powering off of the displays



## Quick Presets Function

Abbreviated serial commands allow users to get the most out of their video walls without a costly windowing processor or matrix switcher with scaling capabilities.

Quick Presets allow you to recall a source layout with a single serial command, reducing transition times between presets and minimizing costly, time-consuming programming of control systems.



## IP and RS-232 control options

Users can control NEX-series displays via IP-based control or RS-232. In cases where no third-party control system is in place, GPO Display's video wall control software is an easy-to-use alternative included at no additional cost.

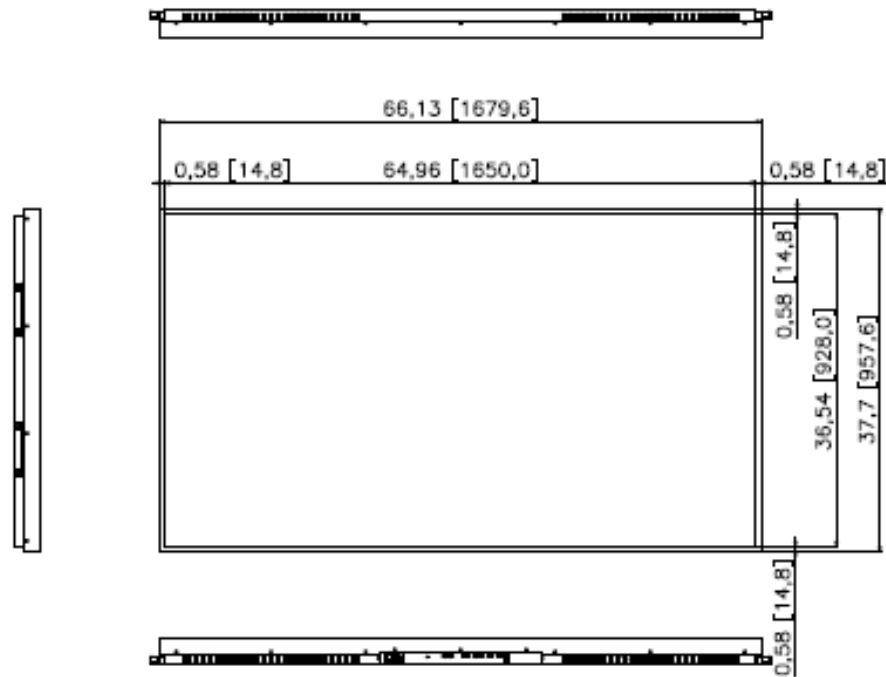
- Includes [Video Wall Control Software](#)
- Includes necessary cables for daisy-chain of both control and video signals



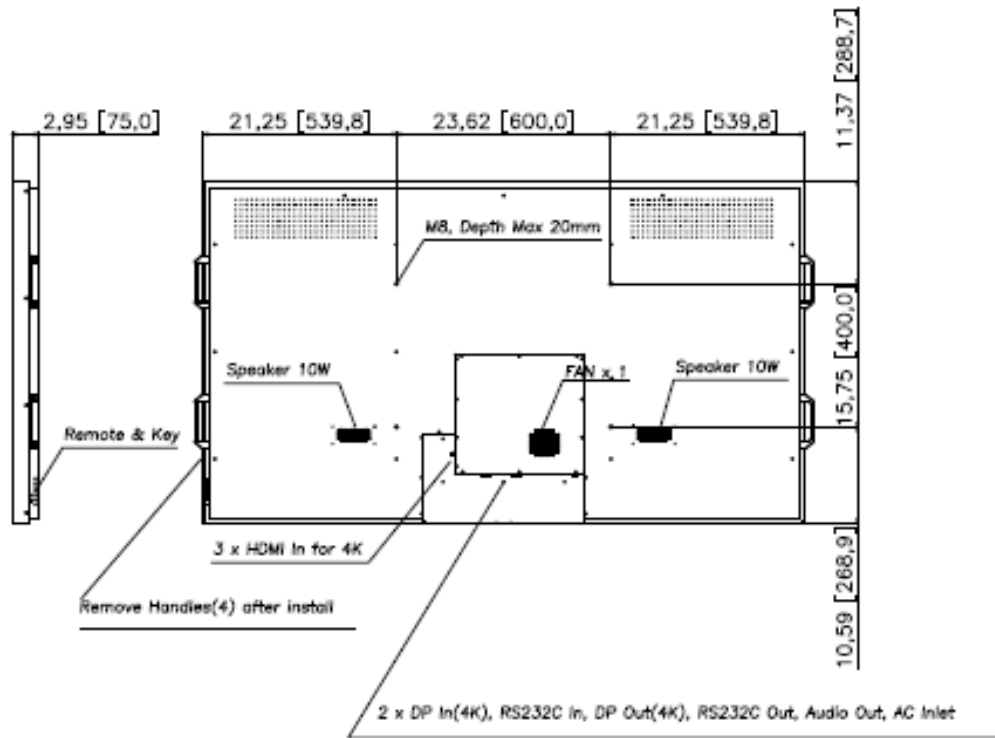
# Mechanical Drawing

## Set Drawing

### Front View



### Rear View



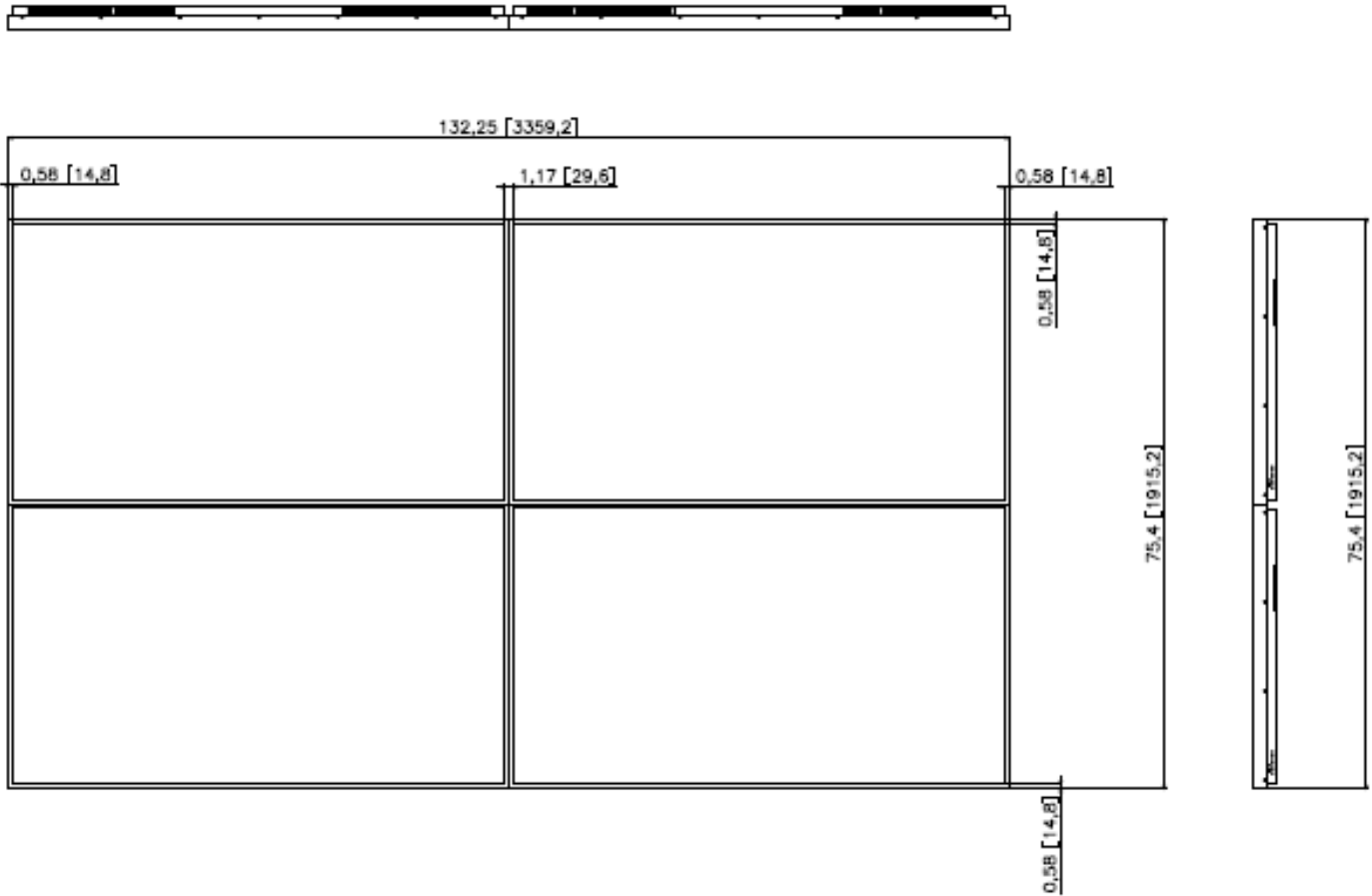
Note: GPO Display may change specifications and designs without notice

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



# Mechanical Drawing

## Configuration 2(H) x 2(V) Drawing



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