NEX55HLU

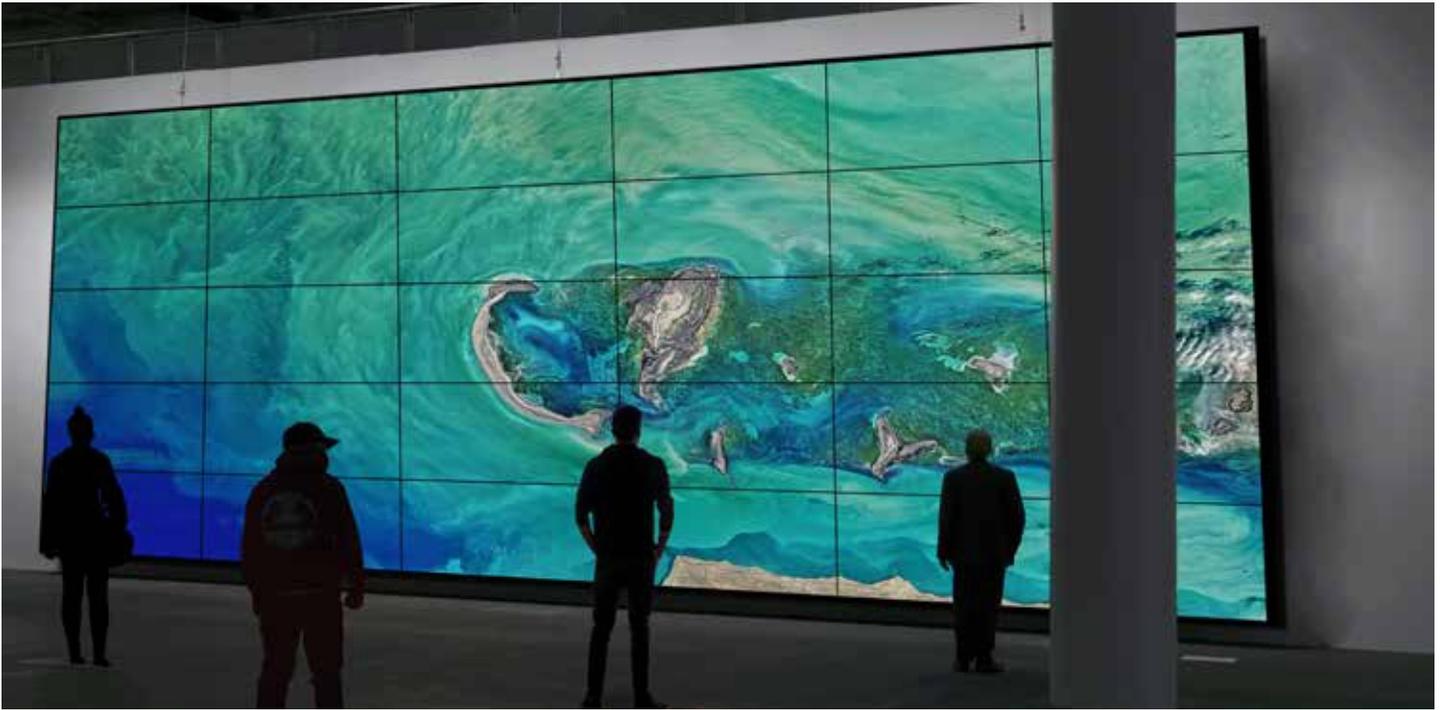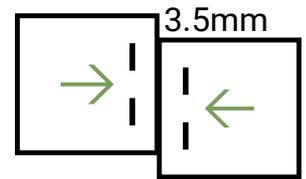## LCD Video Wall

The Next Generation

Our 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.
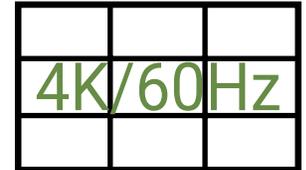
Extron Quantum Ultra CERTIFIED

ASSEMBLED IN THE USA
ASSEMBLED IN THE

TAA COMPLIANT

GPO DISPLAY

Highlights

Ultra Narrow Bezel (UNB) with a tiled gap of 3.5mm.
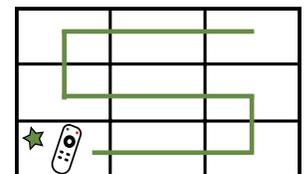
3.5mm

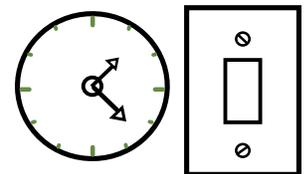Extended daisy-chaining of 4K/60Hz video signals in arrays up to 5 wide x 5 high.

4K/60Hz

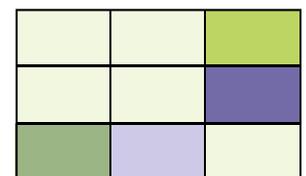"Secure-Ready" = No NFC, RF, WiFi, or embedded computing.

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.
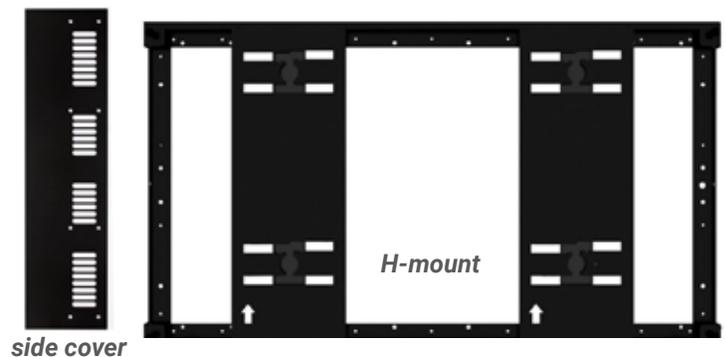
Specifications

Panel Attributes

Panel Technology	Commercial-grade IPS / Direct-LED back light
Bezel Width	UNB 3.5 mm (combined)
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 × 680.4
Brightness (typ.)	700nit
Contrast Ratio (typ.) / DCR	1,400:1 / 500,000:1
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

side cover

H-mount

Specifications

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	47.78 x 26.94 x 3.37 (in) - 54lbs
Packed Pallet Dimensions (L x W x H) + Weight	57 x 24 x 40 (in)** *single unit approx. - max 4pcs per pallet*
Display Orientation	Landscape or Portrait
Heat Output (BTU/hr)	784
Mounting Pattern (mm)	600 x 400
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (typ.)	230W
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	Three Years (cover 3/ quick 3)

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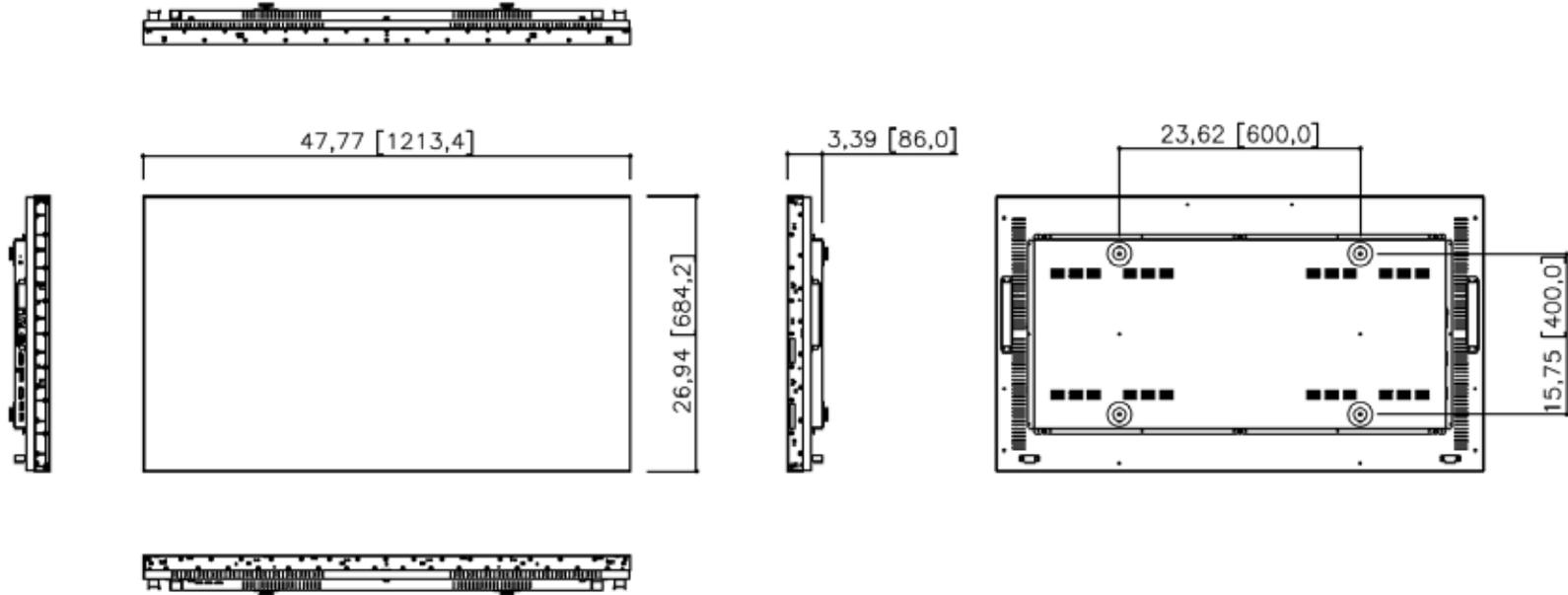
Connectivity

Display Port	2 x Input, 1 x Output (*can carry any input signal*)
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

47,77 [1213,4]

26,94 [684,2]

3,39 [86,0]

23,62 [600,0]

15,75 [400,0]

Set + H-Mount Drawing

47,85 [1215,4]

26,94 [684,4]

5,62 [142,8]