

NanoPanel 55

All of the benefits of dvLED in a standard display format

- Single 55-inch diagonal standard cabinet size
- 100,000 hour to half life

- Full HD 1920 x 1080 resolution
- Works with standard VESA disply mounts
- Zero bezels
 - 0.6mm VCOB



The NanoPanel 55 starts a new evolution in both dvLED display technology as well as how commercial flat panel displays are used all together. The NanoPanel Series provides all of the benefits of dvLED technology, such as reduced power, high image calibration, in-field repair, long lifespan and ZERO bezels and now provides these abilities into the same footprint as traditional LCD/OLED displays. With full HD resolution in the same size and mounting abilities this solution creates a new era in commercial monitor display use. Using the industries newest technology of VCOB (virtual chip-on-board), the NanoPanel puts the same resolution in the same footprint and at the same competitive pricing as other commercial flat panel display solutions.



Increase Return-On-Investment

The NanoPanel Series provides for 100,000 hours of use to half-live as well as the ability to hold both color and white balance over its life. This combined with reducing power and heat allows for a tremendous return on investment over the life of the solution. NanoPanels can also be serviced in the field for quick repair and help reduce environmental impact and the ability to reduce the need to store extra displays for repair requirements.

Easy Retro Fit

NanoPanels ability to be easily retro fit into an existing LCD display space with the same size and mounting abilities provides for additional cost savings.

Better Viewer Experience

NanoPanels help provide for a greatly increased viewer experinece. Whiter whites and blacker blacks provide a more true visual experience and the zero bezel video wall ability creats an seamless canvas allowing for content to truly be anywhere on the wall

Benefits

Long Lifespan

100,000 hour 24x7 operational use to half life provides for a substantial return on investment

ZERO Bezels

Zero bezels allow the display to be combined into video walls that provide a truly seamless canvas allowing for a more imersive viewer experience.

0.6mm

Proides full HD 1920 x 1080 resolution in a 55" cabiner size

Universal Mounting Systems

The NanoPanel Series uses standard VESA mounting patterns provideing for the use of any number of 3rd party tv and video display mounting solutions for wall, pole, hanging and other requirements.



SPECIFICATIONS: AURORA IMAGE PROCESSING	
Pixel Pitch	0.6mm
Technology	Virtual COB
Cabinet Width	47.24 in - 3.94 ft - 1.2 m 23.62 x 13.29 in
Cabinet Height	26.57 in - 2.21 ft675 m
Cabinet Depth	1.67 in - 0.139 ft - 0.0425 m
Cabinet Diagonal	54 in - 4.5 ft - 0.013 m
Weight	48 lbs / 22 kg
Max Brightness (standard)	800 Nits
Power Watts	300 (max) / 150 (average)
Input Voltage (VAC)	120 - 240 VAC - Single Phase
Est. BTU/hr All White Full Power	1023
Est. BTU/hr Average Running Video	512
Operating Temperature	-14F to 104F / -10C to 40C
Resolution	1920 x 1080
Total Pixel Count	2,073,600
Contrast	5000:1 (static) / 10000:1 (dynamic)
Gray Scale	13-bit
Refresh	3840 hz
Viewing Angle L50 {3}	160 Horizontal / 160 Vertical
Color Temp	6500K ~ Adjustable
Inputs	1x HDMI
Networking	RJ45
Remote Monitoring	NanoSuite
Orientation	Landscape or Portrait
Curveable	Faceted
Mount Required?	Yes
Serviceability	Front
Indoor / Outdoor	Indoor
Module Protection	Full diode encapsulation protection
Bezel Size	Zero Bezel
Mounting	VESA 600 x 400 (400 x 400 Adapter optional)
Life Span to Half Brightness	>100,000 hours / 24x7 operation
Standard Spare Modules Included	5%
Warranty	3-year standard

