AET

NX series

Where Costs Matches Its Quality

16:9

16:9

DCI-P3

Cinematic Color

8K

8K+

HDR
High Dynamic Range

HDR Technology

Micron-level
surface display

Standard System With Golden Aspect Ratio, Clarity Without limitation.

*Complied with international display standards for various splicing methods.

*2^nK (n⩾0), clarity can reach to 8K with ease.

*With the thinness of 600*337.5mm and 16:9 golden resolution ratio, it conforms to the visual aesthetic expression ratio screen, adapting to the screen ratio of mainstream video sources, and effectively utilizes 100% of the screen area, which is more cost-effective.

High Precision in Die-Casting, Seamless Design, Appearance with Quality

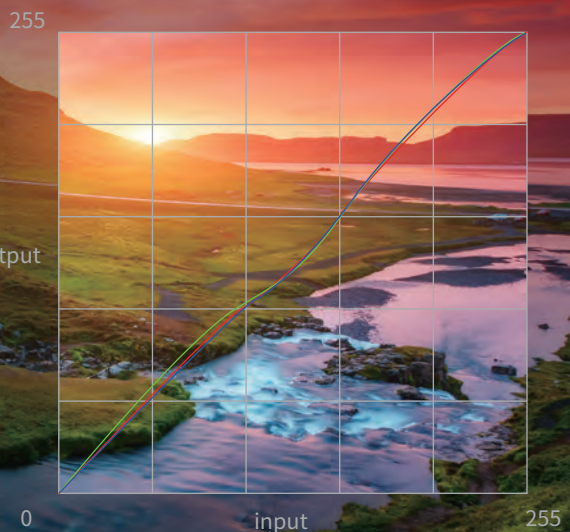
*CNC technology to realize High Precision in Die-Casting. Adopting micron-level process precision, seamless design, quality and stability all in the product.

High Grey-Scale For Color In Low Brightness Environments

*Conventional LED displays are difficult to present red, green and blue colour hues accurately in low grey scale setting. But the NX series solved those problems through a unique calculation that maintains the gradation for R/G/B to deliver rich colour hues in low brightness environments.

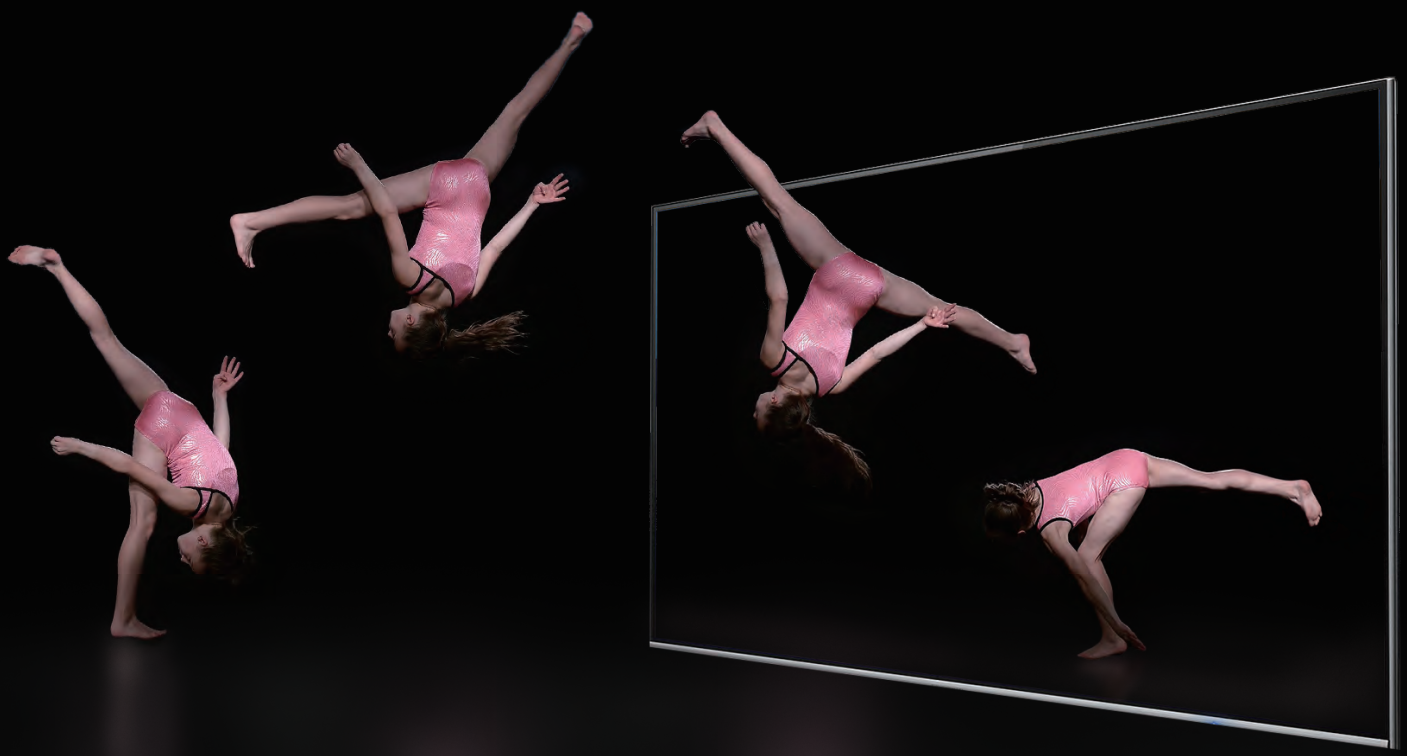
Energy-Saving Solutions with Common Cathode Technology

*The module adopts the "common cathode" technology, precisely distributing current and voltage to R, G, B chips. The current passes through the chip to the cathode of the IC, the forward voltage is reduced, and the on-resistance becomes smaller, which can achieve the ideal energy-saving effect of reducing the heat of the screen, reducing power consumption.



HDR Technology For Vivid Details

*The NX series combine the best industry video processing technologies with High Dynamic Range(HDR) picture refinement which looks more realistic and clarity.



BOB(Bi-layer On Board) Technology Optional

*The NX series offers BOB (Bi-layer On Board) technology, which can reach superior module surface protection such as anti-collison, anti-statics, waterproof, moisture/dust/ scratches prevention.

Common cathode: RGB chips have a common cathode grounded, and the anode is used to drive the lamp beads.

Easy Installation, Full front service, High protection

*Standard wall-mounted integrated installation with full front maintenance to reduce cost and more convenient maintenance. It can deal with complex and changeable external environment with IP65 protection grade and has long life time.

Application scenarios

Customize your indoor applications with quality LED Displays.

Such as Public security, Courthouse, Monitoring rooms, Opera house, TV studio and many more.

NX series

Model	DH09	DH12	DH15
Pixel Pitch	0.93mm	1.25mm	1.56mm
LED Pixel Type	SMD1616 4in1 LED	SMD1010 1R1G1B LED	SMD1212 1R1G1B LED
Resolution(WxH, per cabinet)	640*360 pixels	480*270 pixels	384*216 pixels
Dimensions (mm, WxHxD, per cabinet)	600*337.5*40	600*337.5*40	600*337.5*40
Weight(per cabinet)	6.5kg	6.5kg	6.5kg
Density (pixels/m^2)	1,137,777	640,000	409,600
Cabinet Aspect Ratio	16:9	16:9	16:9
Service Access	Front	Front	Front
IP Rating	IP30	IP30	IP30
Cabinet Materialcolour	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Brightness	600-800nits Adjustable	600-800nits Adjustable	600-800nits Adjustable
Color Temperature	3200~9300 K Adjustable	3200~9300 K Adjustable	3200~9300 K Adjustable
Viewing Angle(H/V)	160°/160°	160°/160°	160°/160°
Brightness uniformity	⩾97%	⩾97%	⩾97%
Chromatic uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
Contract	7000:1	7000:1	7000:1
Power Consumption-Ave	⩽150w /m^2	⩽150w /m^2	⩽150w /m^2
Drive mode	Constant current drive	Constant current drive	Constant current drive
Video Rate	30-120Hz	30-120Hz	30-120Hz
Refresh Rate	⩾3840Hz	⩾3840Hz	⩾3840Hz
Color Depth	14-18bit	14-18bit	14-18bit