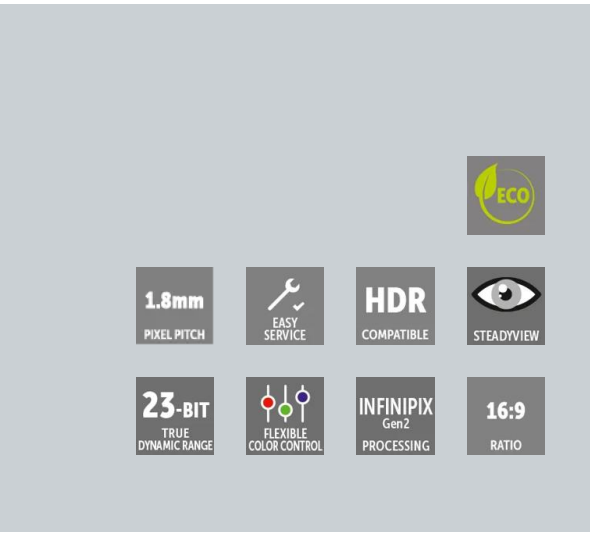
NT1.8

1.8 mm pixel pitch, high-res indoor LED display





- **1.8 mm pixel pitch LED solution**
- **Superb color accuracy**
- **Thin tiles for easier integration, maintenance, and better aesthetics**
- **Smooth and efficient operations 24/7**
- **Up to 5 years of dedicated service and support**

Running high-impact video walls has never been this easy. The LED NT series offers sharper images through Infinipix™ Gen2 processing power, a thin tile that is therefore lighter, simplified mounting for easier maintenance, smarter connections for enhanced quality and operation, and good low-light performance.

Superb image quality

With no visual distortion, low latency and perfect syncing, applications from boardrooms and lobbies to control rooms and broadcast can now enjoy high-quality viewing for all types of content. This also requires perfect color accuracy at every level of brightness, which is maintained by Infinipix™ Gen2. The embedded proprietary Smart Calibration™ also ensures wide color gamut support for rich and true-to-life images.

Easy maintenance and serviceability

The thin tiles contribute to the product's versatility and ease of installation. This lowers the wall's footprint and broadens the possibilities for set-ups at different locations, enabling better integration into existing spaces. The accessibility from both front and back drastically improves the ease of maintenance. What's more, Barco's Video Wall Manager software automatically configures the different tiles, which greatly speeds up the installation process.

Product specifications	NT1.8
LED tiles	
Pixel pitch	1.87
Technology	SMD
Pixel per module	320x180 (HxV)
Dimensions	(WxHxD) 600x337.5x39mm / 23.62"x13.29"x1.54"
Weight	6kg/tile
LED lifetime	100,000h (video -50% brightness)
Brightness	>600 nit
Peak brightness	>780 nit
Internal processing	23 bit
Color depth	16 bit (281 trillion colors)
Shaders	No
Control	Infinpix™ Gen2
Refresh rate @60Hz	3,840 Hz
3D	No
Frame rate	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60
Hor. viewing angle	160° +/-5°
Vert. viewing angle	160° +/-5°
Brightness uniformity	>98%
Dimming	0-100%
Power consumption	514 W/m^2 104 W/Tile (max) 149 W/m^2 30 W/Tile (typ)
Heat dissipation	1751 BTU/h/m^2 (max) 509 BTU/h/m^2 (typ)
Heat dissipation front/back	54%/46%
Operation power voltage	AC power: 100-240V 50/60Hz
Operational humidity	10 -80%
Operational temperature	-10°C to +40°C / 14°F to 104°F
Redundancy	Power: Optional Data: signal loop redundancy / N + N redundancy optional
HDR	HLG / HDR10 supported
Concave curvature	Up to 5° inter tile (6.88m radius)
Convex curvature	N/a
Serviceability	Full front & full back service
Cable management	No external cabling
Ergonomics	SteadyView™ driver algorithm to reduce eye fatigue
Certifications	CE, UL, FCC class A, CB, RoHS, WEEE, REACH
TAA Compliancy	Not available
Warranty	3 years
EssentialCare Service offering	5 years

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