

X1.6

1.6mm pixel pitch, 1,000 nits indoor LED display



- **High-brightness, high-resolution indoor LED display**
- **Auto-alignment truss beam**
- **Front access**

The X1.6 is a high-resolution 1.67mm pixel pitch LED display. Thanks to its high brightness (1,000 nit) and extremely small pixel pitch, this exciting product not only suits the needs of traditional LED tile markets, but also of new applications including control rooms and boardrooms. Because of its unmatched Infinipix™ video processing platform, mechanical design and front access capability, this LED tile excels in reliability, quality and easy maintenance. Furthermore, its fast setup time, minimal wiring, reduced tweaking and easy serviceability, make the X1.6's the ideal solution for any LED application.

Perfectly aligned images

The X1.6 creates uniform, high-quality images with accurate color depth at any brightness level - including low brightness. Thanks to its unique mechanical concept, the X1.6 ensures easy and accurate alignment without requiring on-site tweaking. Plus, it's equipped with the Barco Infinipix™ platform which enables unscaled resolutions up to 4K from a single source and full data redundancy.

Fast and simple setup

The X1.6's auto-alignment truss beam ensures zero stress and in combination with its seam compensation, this results in a truly seamless screen. This beam ensures that the displays are automatically balanced and aligned correctly. What's more, to further simplify its setup, the wiring required to install the X1.6 has been reduced to a minimum.

PRODUCT SPECIFICATIONS**X1.6**

Pixel pitch	1.66 mm / 0.065 inch
Pixel density	360,000 px/sqm
Pixels per tile	240 x 270 px (H x V)
LED type	SMD RGB Black
Brightness	1,000 nits
LED lifetime	80,000 hrs (50% brightness)
Color Processing	16bit (input to output)
Colors	281 trillion
Processing	Infinipix
Source compatibility	See Infinipix
Data connection	10G Infinipix(TM), 2xIN/2xOUT SFP+
3D ready	yes
Hor. viewing angle	+/-60° (min 50% brightness)
Vert. viewing angle	+/-60° (min 50% brightness)
Tile size (WxHxD) in mm	400 x 450 x 91 mm / 15.75 x 17.72 x 3.58 inch
Weight / Tile	6.6 kg / 14.55 lbs
Serviceability	Front/back
Max. hanging	15 tiles
Input voltage	100-240V / 50-60Hz
Power consumption	1,055W/sqm -98W/sqf max. 500 W/sqm -46W/sqf typical
Max. power connection/power supply	8 tiles (100-180V), 15 tiles (180-240V)
Heat dissipation	3,599 BTU/h/sqm(max) 1,705 BTU/h/sqm (typical)
Operational temperature	0° -40°C / 32° -104°F
Operational humidity	10-80%
Cooling	Passive cooling (active cooling for high-brightness mode)
IP rating	Indoor only
Country of origin	Belgium
Certifications	CE, ETL/UL, FCC Class B, RoHS, TÜV, WEEE

Last updated: 28 Oct 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.