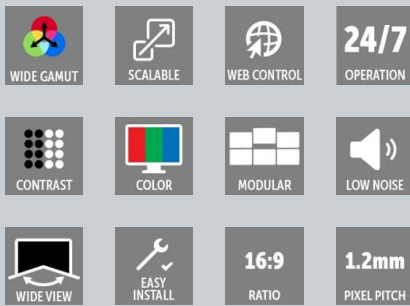


# IBX2.5

2.5 mm pixel pitch, high-res indoor LED display, highly cost-effective



- 27" tiles in 16:9 aspect ratio
- Unparalleled image quality presentation
- Lower power consumption
- Maximized product uptime

The new IBX series further expands Barco's indoor high-resolution LED tiles portfolio. The 27" inch tiles with a pixel-pitch ranging from 1.2 mm to 2.5 mm deliver superior seamless results, and the series includes all necessary features to maximize the reliability of your LED wall.

### Superior viewing experience

With each tile having a 16:9 aspect ratio, it is easy to create native Full HD or UHD screens. This allows displaying video in the most common formats in full, without compression or unused canvas. Because these LED tiles are designed for wall mounting, they are fully accessible from the front – creating a shallow depth.

The screen is improved for optimal color gamut, gray level and detail presentation, and was designed to have perfect flatness and wide viewing angle. The IBX series also offers optional remote monitoring, control & automatic calibration features, making sure the entire wall is perfectly uniform at any time.

### Super-high cost-effective

With a lower power consumption compared to competing models, the IBX series make sure you don't waste your budget on your electrical bill. Furthermore, all components of IBX series products are made of high-quality materials, which ensures the long service life of the whole screen and ultra-high cost performance. What you see is what you get.

**Product specifications****IBX2.5****LED tiles**

Pixel pitch	2.5 mm
Pixels per tile	240 x 135 px (H x V)
LED lifetime	100,000 hours (to 50% brightness)
Pixel density	160000 (Pixels/ m2)
Brightness	700 nits
Refresh rate	3840 Hz
Internal processing	16 bits
Colors	Up to 281 Trillion
Hor. viewing angle	160° (@50% brightness)
Vert. viewing angle	160° (@50% brightness)
Brightness uniformity	>97%
Contrast	8000:1
Power consumption	200 W/m <sup>2</sup> (typ.) 600 W/m <sup>2</sup> (max.)
Heat dissipation	682 BTU/h/ft <sup>2</sup> (typ.) 2046 BTU/h/ft <sup>2</sup> (max.)
Operation power voltage	100 -240V AC, 50-60 Hz
Redundant power supply	Yes (optional)
Operational humidity	10 -85%
Operational temperature	0°C to +50°C
IP rating	IP20
Dimensions	600mm x 337.5mm x 49mm (W x H x D)
Weight	2 kg (single PSU) 2.5 kg (dual PSU)
Material	Cabinet: Die Cast Aluminium
Serviceability	Front service
Installation	Front / Back access
Certifications	BIS

Last updated: 28 Jul 2025

© 2025 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest specifications.