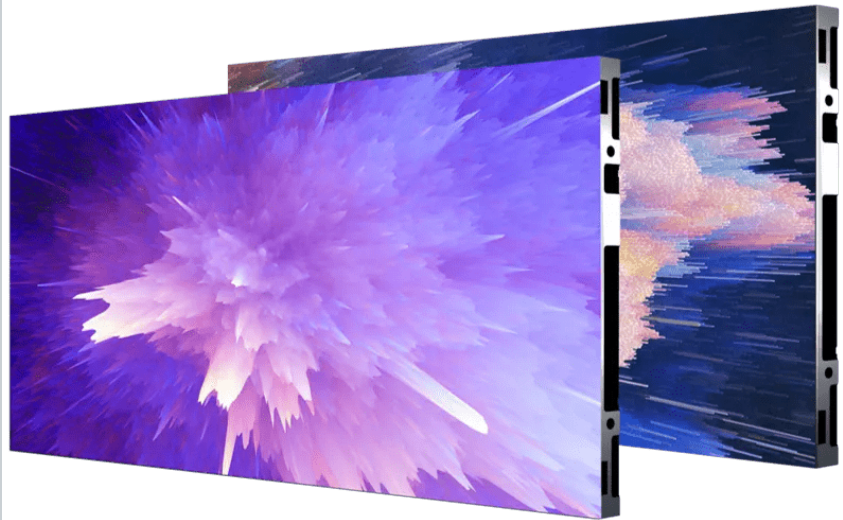


# IBX1.8

1.87 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 1.8 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****IBX1.8**

| General specifications  |   |
|-------------------------|---|
| Pixel pitch             | 1.87 mm   |
| Pixels per tile         | 320 x 180 px (H x V)  |
| Brightness              | 700 nits  |
| LED lifetime            | 100,000 hours (to 50% brightness)                                     |
| Pixel density           | 284444 (Pixels/ m2)   |
| Refresh rate            | 3840 Hz   |
| Internal processing     | 16 bits   |
| Hor. viewing angle      | 160° (@50% brightness)  |
| Vert. viewing angle     | 160° (@50% brightness)  |
| Brightness uniformity   | >97%  |
| Contrast                | 8000:1  |
| Power consumption       | 220 W/m <sup>2</sup> (typ.)<br>650 W/m <sup>2</sup> (max.)            |
| Heat dissipation        | 750 BTU/h/ft <sup>2</sup> (typ.)<br>2217 BTU/h/ft <sup>2</sup> (max.) |
| Operation power voltage | 90 VAC -264VAC, 50-60 Hz  |
| Redundant power supply  | Yes (optional)  |
| Operational temperature | -20°C to +50°C  |
| Operational humidity    | 10 -85%   |
| IP rating               | IP20  |
| Dimensions              | 600 x 337.5 (W x H)   |
| Weight / Tile           | 7.5 kg (single PSU)<br>8 kg (dual PSU)                                |
| Material                | Cabinet: Die Cast Aluminium   |
| Installation            | Front / Back access   |
| Serviceability          | Front service   |
| Certifications          | BIS   |

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