

ICX1.2

1.25mm pixel pitch, high-res indoor LED display, super-high cost-effective



- 27" tiles in 16:9 aspect ratio
- Unparalleled image quality presentation, 100% coverage of Rec. 709 gamut
- Easy to use, install and maintain
- Maximized product uptime

The new ICX series further expands Barco's indoor high-resolution LED tiles portfolio. The 27" inch tiles with a pixel-pitch ranging from 0.9mm to 1.8mm 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 child's play to create native Full HD or UHD screens. This allows displaying video in the most common formats in full, without compression or unused canvas. What's more, the camera-supported seam correction technology makes sure tiles easily align, creating a single seamless canvas viewing experience.

Easy to install and maintain

Because these LED tiles are designed for wall mounting, they are fully accessible from the front – creating a shallow depth. The improved robustness and the Assisted Module Extraction make sure the tiles can be easily removed, for maintenance or replacement needs, with a reduced risk of pixel damage.

Consistently superior image quality

Barco-customizable light source is adopted to make the color reach Rec.709 standard. The screen is further improved in the color gamut, gray level and detail presentation. With all the core components of first-class quality, the screen has perfect flatness and wide viewing angle, and the professional visual image rendering in the future 7/24 use of the control room achieves the best effect.

Unrivaled reliability

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In order to support the use of Direct LED in critical environments and prevent downtime, redundancy of both power and data can be integrated in the XT series. Also, instead of facing sudden complete wall downtime, the users can get a warning so proactive measures can be taken against potential wall failures.

Super-high cost-effective

All components of ICX 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

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General specifications

Pixel pitch	1.25 mm
Pixels per tile	480 x 270 px[H x V]
LED lifetime	100000 h[video-50% brightness]
Brightness	600 nits
Pixel density	640000 (Pixels/ m2)
Processing	16 bits
Colors	281 trillion
Control	Novastar
Color temperature	2000K to 9500K adjustable
Refresh rate	3840 Hz
Hor. viewing angle	155° +/-5°@50% brightness
Vert. viewing angle	140° +/-5°@50% brightness
Brightness uniformity	>98%
Dimming	0-100%
Contrast	15000:1
Power consumption	175W/m ² [typ. 460W/m ²]max.
Heat dissipation	584 BTU/h/[typ. 1534 BTU/h/]max.
Operation power voltage	100-240V / 50-60 Hz
Operational temperature	-20°C to +50°C
Operational humidity	10-95%
IP rating	IP30
Dimensions	600 x 337.5 x 25 mm[W x H x D]
Weight / Tile	4.5 kg
Serviceability	Front service
Module replacement	magnet automatically adsorbs
Seam compensation	Automatic calibration compensation for camera
Certifications	CCC
Warranty	2 years

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