

XT0.9-Q

0.9mm pixel pitch, high-res indoor LED display



- 27" tiles in 16:9 aspect ratio
- Powered by Barco's Infinipix®
- Rec. 709 correct colors
- Easy to use, install and maintain
- Maximized product uptime

The new XT0.9-Q further expands Barco's indoor high-resolution LED tiles portfolio. The 27" inch tiles with a pixel pitch of only 0.9 mm delivers superior seamless results, and includes all necessary features to maximize the reliability of your LED wall. Leveraging the IMD (4-in-1) technology, the XT0.9-Q brings high-resolution images to any environment.

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 back and/or the front – creating a shallow depth. The improved robustness and the Assisted Module Extraction makes sure the tiles can be easily removed, for maintenance or replacement needs, with a reduced risk of pixel damage.

Thanks to Infinipix®, image quality is perfect in both dimmed and high-brightness mode with consistent Rec. 709 color accuracy. Video artefacts, which typically arise on fast-moving content, are successfully countered and video is displayed without hiccups. Automatic calibration makes sure the entire wall is perfectly uniform at any time.

Unrivaled reliability

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 XT0.9-Q. Also, instead of facing sudden complete wall downtime, the users can get a warning so proactive measures can be taken against potential wall failures.

The XT-Q displays are backed by a three-year product warranty period. For extra peace of mind, customers can sign up for an additional EssentialCare maintenance contract with batch compatible modules up to five years.

Product specifications**XT0.9-Q**

General specifications	
Pixel pitch	0.95mm
Pixels per tile	640x360 (HxV)
LED lifetime	70,000h (video -50% brightness)
Brightness	600 nits
Processing	23 bit
Colors	281 trillion
Control	Infinipix®
Frame rate	Up to 5° inter tile (7m radius)
Refresh rate	1,920Hz
Hor. viewing angle	155° +/-5° (@50% brightness)
Vert. viewing angle	145° +/-5° (@50% brightness)
Brightness uniformity	>98%
Dimming	0-100%
Ergonomics	SteadyView™
Contrast	>9,000:1
Power consumption	275 W/m ² (typ.) 826 W/m ² (max.)
Heat dissipation	939 BTU/hr/m ² (typ.) 2,817 BTU/hr/m ² (max.)
Operation power voltage	100-240V / 50-60Hz
Operational temperature	-10°C to +40°C / 14°F to 104°F
Operational humidity	10-80%
IP rating	IP30
3D	3D supported
HDR	HLG / HDR10 / HDR10+ supported
Concave curvature	Up to 5° inter tile (7m radius)
Convex curvature	90° corner supported
Dimensions	609.92 x 343.08 x 71 mm (WxHxD) / 24.01 x 13.51 x 2.79 inch (WxHxD)
Aspect ratio	16:9
Weight / Tile	7.5 kg / 16.53 lbs
Serviceability	Front service
Module replacement	Automated motorized extraction
Seam compensation	Automatic camera-based seam compensation
Certifications	CE, UL, FCC class A, RoHS, WEE, REACH
Warranty	3 years
Extended warranty: SmartCare / EssentialCare	5 years with LED batch compatible modules

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