

# CX-8

8.6mm pixel pitch, 4,200 nits outdoor SMD LED display



Barco's CX-8, which offers excellent contrast and image quality, is the first true high-resolution outdoor LED display for the rental and staging industry. Thanks to its modular design and low weight, the CX-8 is simple to install and service. It features auto-calibration and auto-redundancy to guarantee worry-free operation. Finally, the CX-8 is fully cross-rentable allowing you to mix and match tiles of different batches and various run-time ages to obtain a seamless display with a perfect image every single time.

Although it is mainly suited for outdoor applications, the CX-8 can be used for indoor installations as well thanks to its high resolution. Featuring a sea worthy standard, the CX-8 is highly suited for cruise ship installations in addition to event and retail applications.

## Technical specifications

Pixel pitch	8.6 mm
Brightness	4,200 nits
LED type	3-in-1 SMD
Processing	16 bit/color
Colors	281 trillion
Refresh rate	3,200 Hz
Hor. viewing angle	60/60° @50% brightness
Vert. viewing angle	+60/-60° @50% brightness
Contrast ratio	4,000 (x : 1)
Lifetime	100,000 hr @50% brightness
Avg Power Consumption	800 W max.
Operation power voltage	200-240V / 50-60 Hz
Tile size (WxHxD) in mm	1,140 x 853 x 234
Weight	39 kg
Weight/m <sup>2</sup>	40 kg
Pixel density	13,408/sqm 1,247/sqf 13,068/tile
IP rating	IP65/54
Max. stacking	3 tiles (with Barco foot mechanics)
Max. hanging	11 tiles
Serviceability	back
Source compatibility (with digitizer)	CVBS, YC, YUV, RGB, DVI (Single & Dual link, up to 2048x1536), SDI, HDSDI, Dual link HDSDI
3D capability	Yes (L/R separate, Side by side, 120 Hz)
Interfaces/Ports	x2 HDMI link
Link interface	NNI interface (HDMI connector)
Max link length	10m (by Barco HDMI cable)
Max power cascade connection	3 tiles
Operating temperature	-20°C min./+45°C max.
Storage temperature	-20°C min./+60°C max.
Operating humidity	10% min./99% max.
Storage humidity	10% min./99% max.
Certifications	ETL/UL, CE, FCC class A, RoHS, TUV