

B-16

16mm pixel pitch, 6,000 nits, mobile LED display



The B-16 is a dedicated, cost-effective total display solution for mobile branding, advertising and digital signage. It comes in a fully equipped trailer, which makes it possible to show your message at any time and place, with a minimal set-up time. Barco's B-16 features a 16:9 aspect ratio, ideal for high-resolution video content, and in terms of contrast and brightness, offers the best in outdoor LED technology.

Technical specifications

Pixel pitch	16.0 mm
Brightness	6,000 nits
LED configuration	3x black lamp
Hor. viewing angle	110° (min 50% brightness)
Vert. viewing angle	+15, -35° (min 50% brightness)
Contrast ratio	7,000:1 (at 500 lux)
Lifetime	100,000 hours to 50% of initial brightness
Power consumption	11 KVA, diesel fueled, 20 hours of continuous operation at half load
Operation power voltage	200-240V / 50-60Hz
Tile dimensions	Width: 5044mm Height: 2379mm Depth: 2111mm
Weight / Tile	3,420 kg
IP rating	IP65/54
Processing	16 bit/color
Colors	281 trillion
Refresh rate	800Hz
Link interface	DVI interface (DVI connector)
Max link length	4.5m (with Barco DVI cable)
Interfaces	2x DVI
Max power cascade connection	6 tiles
Serviceability	Back (with clickable shader)
Operating temperature	-35 - 50°C
Storage temperature	-35 - 50°C
Operational humidity	10-99%
Storage humidity	10-99%
Source compatibility	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX-700: and Dual link DVI, Dual link HDSDI)
Operable digitizer	Rack-mounted LED-PRO
Certifications	ETL, CE, FCC, RoHS, CCC, TUV