Infinipix™ IND-100

Infinipix™ Dual EyePoint processor for LED displays



- **Manages one or more connected display(s)**
- **Fine-tunes brightness without any loss of image quality**
- **Allows for brand-specific color calibration**
- **Smooth and seamless results for still and moving content**
- **Supports Dual Eye Point Technology**

The Infinipix™ IND-100 is an addition to Barco's second generation of LED display processors. The IND-100 processes signals coming from connected video sources and transmits them to the Infinipix™ transceiver cards integrated into the LED tiles. This special version of the Infinipix™ INP-100 is designed to extend the 3D Stereo capabilities for Dual Eye Point applications.

Delivering flawless viewing experiences

Whatever your needs are, the Infinipix™ Gen2 platform helps you get the most out of your LED content.

Whether your application requires a dimmed LED wall or a display run at high-brightness, you can keep the same color accuracy, grey scale levels and details thanks to the Infinipix™ Gen2 processing. Don't let your creativity be limited by your canvas, and always show your content as intended.

With lowest latency for showcasing motion content, black frame insertion to optically reduce motion blur and premium anti-aliasing filters to realize perfectly scaled and sharp images, Barco's Infinipix™ Gen2 is optimized to bring state-of-the art results and exceptional viewing experiences for still, slow-moving and fast-moving content.

Adding 3D Stereo specific capabilities

When users require 3D stereo capabilities on the LED Wall, the IND-100 is the preferred controller choice. Having 2 DP input connectors gives the customer the freedom to drive the LED wall with either an active stereo sequential source or by combining both left eye and right eye video signals. Furthermore, the controller also allows to combine 2 active stereo sources at 120Hz to be combined to a 240 Hz output. This gives the customer the capability to use the LED wall with 2 points of view in a virtual environment, also called 'Dual Eye Point' feature.

Product specifications	INFINIPIX™ IND-100
General Specifications	
3D sync	Implemented on BNC connector
Wall control	1x GbE RJ-45 connector used as link to a separate Video wall Manager Edge for centralized management
Video outputs	8x SFP Modular Wall Outputs: SFP+ cages only supporting the Barco included Finisar SFP modules Using multi mode fiber of minimum type OM3 within the OM specified length
Video inputs	2x Displayport 1.4: · Up to 7680x4320@30, YCbCr 4:2:2 at 12bpc (36 bit/px) · Up to 3840x2160@60Hz RGB, or YCbCr 4:4:4 at 12 bpc (36 bit/px) · Up to 3840x2160@120Hz, YCbCr 4:2:2 at 12bpc (36 bit/px) with custom timings · Up to 2560x1600@120Hz RGB, or YCbCr 4:4:4 at 12 bpc (36 bit/px) Input capabilities: · Progressive RGB and YCbCr 4:2:2 and 4:4:4 · Supports input bit depth of up to 12 bpc · Refresh frequencies: 23.98 Hz, 24 Hz, 25 Hz, 29.97 Hz, 30 Hz, 47.95 Hz, 48 Hz, 50 Hz, 59.94 Hz, 60 Hz, 100 Hz, 119.88 Hz, 120 Hz, 144 Hz, 240 Hz (Please consult your LED panel specification for its supported frequencies which may be different than what is supported by the processor)
3D stereo options	1 x Sequential 3D stereo input @120 Hz on 1 of the DP1.4 inputs 2 x Passive stereo (left / right eye mono) @ 60Hz on 2 DP1.4 inputs combined to 120 Hz output 2 x Sequential 3D stereo (user 1 & user 2) @120 Hz on 2 DP1.4 inputs combined to 240 Hz
Altitude low pressure	Max. 2000 m (6562 ft)
Dimensions (HxWxD)	177 x 222.2 x 43.5 mm / 7 x 8.75 x 1.7 in
Weight	2.7 kg / 5.95 lbs
Power supply	100-240VAC, 1.5A -0.8A -50/60Hz
Power consumption	40 Watt
Warranty	3 years standard warranty
Operating conditions	
Environmental temperature	Operational: 0-40°C Celsius (32-104°F) Non-operational: -20°C -60°C (-4°F -140°F)
Environmental humidity	Operational: 10%-85% @ 40°C / 104°F non-condensing Non-operational: 10%-95% @ 40°C / 104°F
Regulation Compliance	CE, CEBEC , cSGSul, FCC
TAA Compliance	Yes

Last updated: 11 Aug 2026

© 2026 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.