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

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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.

Технические характеристики	**INFINIPIX® IND-100**
Общие технические характеристики	
3D-синхронизация	Implemented on BNC connector
Управление видеостеной	1x GbE RJ-45 connector used as link to a separate Video wall Manager Edge for centralized management
Видеовыходы	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
Видеовходы	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)
Параметры 3D-стерео	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
Пониженное давление при увеличении высоты над уровнем моря	Max. 2000 m (6562 ft)
Соответствие нормативным требованиям	CE, CEBEC , cSGSul, FCC
Температура окружающей среды	Operational: 0-40°C Celsius (32-104°F) Non-operational: -20°C -60°C (-4°F -140°F)
Влажность окружающей среды	Operational: 10%-85% @ 40°C / 104°F non-condensing Non-operational: 10%-95% @ 40°C / 104°F
Габариты (ВхШхГ)	177 x 222.2 x 43.5 mm / 7 x 8.75 x 1.7 in
Вес	2.7 kg / 5.95 lbs
Потребляемая мощность	40 Watt
Источник питания	100-240VAC, 1.5A -0.8A -50/60Hz
Гарантия	3 years standard warranty

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