

IEX1.8

Narrow pixel pitch, indoor LED displays with 1.8mm pixel pitch



- 27" tiles in 16:9 ratio
- Lock design
- Cableless design
- Full front & rear access

The IEX1.8 further expands Barco's indoor direct view LED portfolio. The 27" tiles with a pixel pitch of 1.8 mm deliver an easy and flexible solution to meet any visualization need.

Quick and easy installation

The IEX series is designed to maximize installation efficiency. A cable-free connection between cabinets enables high installation speed. The lock design allows for a screw-free cabinet assembly.

Flexible to meet any project need

With each tile having a 16:9 aspect ratio, it is natural to create native Full HD or UHD screens. This allows displaying video in the most common formats in full, without distortion or unused canvas. Together with a limited screen thickness from the wall it ensures a slick appearance.

Simple and smooth maintenance

No matter if you have only front or back access, all parts can be easily maintained. When a module is replaced, it can re-calibrate itself thanks to the storage of calibration data in the receiver card. Easy monitoring is ensured by an LCD display at the back.

Supporting critical applications

In order to support the use of LED in critical environments and prevent downtime, signal loop redundancy is embedded. Next to this a power redundancy option is made available. To ensure long term support, extended warranty up to 5 years is possible.

Product specificaties

IEX1.8

General specifications	
Pixelpitch	1.875 mm
Pixels per paneel	320 x 180 (HxV)
Helderheid	>600 nit
Led-levensduur	100,000h
Vernieuwingssnelheid	3,840Hz
Interne verwerking	16 bit (281 trillion colors)
Controle	Novastar
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Helderheidsuniformiteit	>97%
Ergonomie	No
Contrast	>5,000:1
Energieverbruik	410 W/m² (max.) 138 W/m² (avg.)
Warmtedissipatie	1,398 BTU/hr/m² (max.) 471 BTU/hr/m² (avg.)
Netspanning bij gebruik	100-240V 50/60Hz
Bedrijfstemperatuur	-10°C to +40°C / 14°F to 104°F
Operationele vochtigheid	10-80%
IP-classificatie	Front IP30 / Rear IP50
3D	No
HDR	No
Redundante voeding	Optional
Concave kromming	Up to 5° inter-tile
Afmetingen	600 x 337.5 x 74mm (WxHxD) / 23.62 x 13.29 x 2.91 inch (WxHxD)
Beeldverhouding	16:9
Onderhoudsgemak	Front and back access
Kabels	No external cabling
Gewicht / tegel	8 kg / 17.6 lbs
Garantie	Extended warranty up to 5 years

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