

IEX2.5

Narrow pixel pitch, indoor LED displays with 2.5mm pixel pitch



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

The IEX2.5 further expands Barco's indoor direct view LED portfolio. The 27" tiles with a pixel pitch of 2.5 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 specifications**IEX2.5**

| General specifications | |
|-------------------------|--|
| Pixel pitch | 2.5 mm |
| Pixels per tile | 240 x 135 (HxV) |
| Brightness | >600 nit |
| LED lifetime | 100,000h |
| Refresh rate | 3,840Hz |
| Internal processing | 16 bit (281 trillion colors) |
| Control | Novastar |
| Hor. viewing angle | 160° +/-5° |
| Vert. viewing angle | 160° +/-5° |
| Brightness uniformity | >97% |
| Ergonomics | No |
| Contrast | >>5,000:1 |
| Power consumption | 326 W/m ² (max.) 109 W/m ² (avg.) |
| Heat dissipation | 1,112 BTU/hr/m ² (max.) 372 BTU/hr/m ² (avg.) |
| Operation power voltage | 100-240V 50/60Hz |
| Operational temperature | -10°C to +40°C / 14°F to 104°F |
| Operational humidity | 10-80% |
| IP rating | Front IP30 / Rear IP50 |
| 3D | No |
| HDR | No |
| Redundant power supply | Optional |
| Concave curvature | Up to 5° inter-tile |
| Dimensions | 600 x 337.5 x 74mm (WxHxD) / 23.62 x 13.29 x 2.91 inch (WxHxD) |
| Aspect ratio | 16:9 |
| Serviceability | Front and back access |
| Cables | No external cabling |
| Weight / Tile | 8 kg / 17.6 lbs |
| Warranty | Extended warranty up to 5 years |

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