

TruePix TP1.2

1.2 mm pixel pitch, high-res indoor LED display



- **Smart engineering guarantees truly seamless outcomes**
- **Smooth and efficient operations, 24/7**
- **Superb color accuracy, under all lighting conditions**
- **Reduced ecological footprint**
- **10 years of dedicated service and support**

TruePix TP1.2 is Barco's new flagship indoor high-resolution LED platform. The 27.5" inch tiles, with a 16:9 aspect ratio, have a pixel pitch of only 1.2 mm. TruePix is designed for control room, corporate and broadcast visualization applications and supports both environments exposed to ambient light and controlled lighting environments.

Truly seamless outcomes

TruePix sets a new standard for the LED video wall experience based on decades of experience. The solution brings content to life as intended and ensures predictable, truly seamless outcomes, by combining smart engineering and Infinipix® Gen2, the next generation of Infinipix®. Smooth and efficient operations are guaranteed 24/7, next to full peace of mind.

Barco TruePix' smart engineering introduces a unique mechanical concept for risk-free and precise installations, eliminating visual distortion. This unmatched seamlessness and flatness are achieved through guided module placement and self-leveling mounts. The next generation of Barco's proprietary Infinipix® processing – Infinipix® Gen2 – guarantees full image integrity at any brightness level, together with superb color accuracy. It flexibly and automatically supports any content need while reducing eye fatigue.

Peace of mind at any time

Smooth and efficient operations are guaranteed 24/7 through uninterrupted data flows. Users can reduce the carbon footprint by using the EcoPower standby mode. 10 years of dedicated service and support (ensuring a uniform viewing experience) and remote cloud-based video wall management, allow for peace of mind during the entire product lifetime.

TECHNICAL SPECIFICATIONS**TRUEPIX TP1.2**

paso de pixel	1.27
Pixel por módulo	480x270 (HxV)
Vida útil del LED	100,000h (video -50% brightness)
brillo	>800 nit
Procesado interno	23 bit
Profundidad de color	16 bit (281 trillion colors)
Dispositivos de sombreado	No
Control	Infinipix® Gen2
tasa de refresco	3,840 Hz
Frecuencia de cuadro	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 / 240 Hz
3D	3D supported
angulo de visión horizontal	160° +/-5°
angulo de visión vertical	160° +/-5°
brillo uniforme	>98%
Disminución de la intensidad luminosa	0-100%
contraste	>9,000:1
consumo de potencia	704.8 W/m ² (max) 221.5 W/m ² (typ)
Disipación de calor	2,404 BTU/h/m ² (max) 1,026 BTU/h/m ² (typ)
Voltaje de alimentación operativo	100-240V 50/60Hz
Temperatura operativa	-10°C to +40°C / 14°F to 104°F
Humedad operativa	10 -80%
Tipo de IP	IP30
Redundancia	Power: Optional Data: Inter-tile and signal loop redundancy embedded / N + N redundancy optional
HDR	HLG / HDR10 supported
Curvatura cóncava	Up to 5° inter tile for standard and camera curved frame
Curvatura convexa	Up to 3° inter tile for standard curved frame Convex curving is not applicable for camera curved frame
dimensiones	(WxHxD) 609.92x343.08x71mm / 24.01"x13.5"x2.80"
peso	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Facilidad para el servicio	Full front & full back service
Gestión de cables	No external cabling
Instalación	Self-leveling with surface tolerance compensation
Reemplazo de módulo	Automated parallel motorized extraction
Module placement	Guided module placement
Seam quality	Guaranteed seamless
Plano -calidad de planchado	Guaranteed flatness
Ergonomía	Driver algorithm to reduce eye fatigue
Certificaciones	CE, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantía	3 years
SmartCare / EssentialCare service offering	10 years

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