

TruePix TP1.2-E

1.2 mm pixel pitch, high-res indoor LED display for mid-brightness applications



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

TruePix TP1.2-E 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. 5 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.

SPÉCIFICATIONS TECHNIQUES**TRUEPIX TP1.2-E**

Pas des pixels	1.27
Pixels par module	480x270 (HxV)
Durée de vie des LED	100,000h (video -50% brightness)
Luminosité	>600 nit
Traitement interne	23 bit
Profondeur des couleurs	16 bit (281 trillion colors)
Shaders	No
Contrôle	Infinipix® Gen2
Fréquence de rafraîchissement	3,840 Hz
Défilement d'image	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 / 240 Hz
3D	3D supported
Angle de vision horiz.	160° +/-5°
Angle de vision vert.	160° +/-5°
Uniformité de la luminosité	>98%
Atténuation de l'intensité lumineuse	0-100%
Contraste	>5,000:1
Consommation électrique	587 W/m ² (max) 302 W/m ² (typ)
Dissipation calorifique	2,002 BTU/h/m ² (max) 1,030 BTU/h/m ² (typ)
Tension de fonctionnement	100-240V 50/60Hz
Température de fonctionnement	-10°C to +40°C / 14°F to 104°F
Humidité (fonctionnement)	10 -80%
Homologation IP	IP30
Redondance	Power: Optional Data: Inter-tile and signal loop redundancy embedded / N + N redundancy optional
HDR	HLG / HDR10 supported
Courbure concave	Up to 5° inter tile for standard and camera curved frame
Courbure convexe	Up to 3° inter tile for standard curved frame Convex curving is not applicable for camera curved frame
Dimensions	(WxHxD) 609.92x343.08x71mm / 24.01"x13.5"x2.80"
Poids	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Disponibilité technique	Full front & full back service
Gestion des câbles	No external cabling
Installation	Self-leveling with surface tolerance compensation
Remplacement du module	Automated parallel motorized extraction
Module placement	Guided module placement
Seam quality	Guaranteed seamless
Planéité : qualité à plat	Guaranteed flatness
Ergonomie	Driver algorithm to reduce eye fatigue
Certifications	CE, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years
SmartCare / EssentialCare service offering	5 years

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.