

TruePix TP1.2

1.2 mm pixel pitch, high-res indoor LED display

1.2mm
PIXEL PITCH



- **Smart engineering guarantees truly seamless outcomes**
- **Smooth and efficient operations, 24/7**
- **Superb color accuracy, under all lighting conditions**
- **Reduced ecological footprint**
- **Up to 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. Up to 10 years of dedicated service and support (ensuring a uniform viewing experience) to allow for peace of mind during the entire product lifetime.

Product specificaties**TRUEPIX TP1.2**

General specifications	
Pixelpitch	1.27
Pixel per tile	480x270 (HxV)
Led-levensduur	100,000h (video -80% brightness)
Helderheid	>800 nit
Interne verwerking	23 bit
Kleurdiepte	16 bit (281 trillion colors)
Shaders	No
Controle	Infinipix® Gen2
Vernieuwingsnelheid	3,840 Hz
Framesnelheid	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 / 240 Hz
3D	3D supported
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Helderheidsuniformiteit	>98%
Dimmen	0-100%
Contrast	>9,000:1
Energieverbruik	718 W/m ² 150 W/Tile(max) 238 W/m ² 50 W/Tile (typ)
Warmtedissipatie	2,447 BTU/h/m ² (max) 811 BTU/h/m ² (typ)
Warmteafvoer voor/achter	54%/46%
Netspanning bij gebruik	AC power: 100-240 V 50/60 Hz DC power: Input: 36-55Vdc 16A (max.) Output: 36-55Vdc 10.72A/36V (max.) or 12.55A/55V (max.)
Bedrijfstemperatuur	-10°C to +40°C / 14°F to 104°F For ceiling mounted installations: max temp +30°C/86°F
Operationele vochtigheid	10 -80%
IP-classificatie	IPx0
Redundantie	Power: Optional Data: Inter-tile and signal loop redundancy embedded / N + N redundancy optional
HDR	HLG / HDR10 supported
Concave kromming	Up to 5° inter tile (7m radius) Up to 5° inner tile (3,5m radius)
Convexe kromming	Up to 3° inter tile (12m radius)
Afmetingen	(WxHxD) 609.92x343.08x71mm / 24.01"x13.5"x2.80"
Gewicht	7.5kg/tile (single PSU) 8 kg/tile (dual PSU)
Onderhoudsgemak	Full front & full back service
Kabelbeheer	No external cabling
Installatie	Self-leveling with surface tolerance compensation
Vervangen Module	Automated parallel motorized extraction
Plaatsen Module	Guided module placement
Ergonomie	SteadyView™ driver algorithm to reduce eye fatigue
Certificeringen	CE, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
TAA-conformiteit	Optional
Garantie	3 years
Dienstenaanbod SmartCare / EssentialCare	10 years

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