



LEDMAX

LEDMAX CINEMA SCREEN





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- Certified by DCI Cinema Standard, it supports lossless playback and is compatible with 2K and 4K projection of regular DCP format films;
- Support 12bit standard cinema sources, high fidelity restoration of commercial film color requirements;
- Using 5G high-speed signal transmission with low latency and simple wiring;
- Adopting custom DCI color space dedicated LEDs to provide high-order grayscale performance at ultra-low brightness;
- With HDMI video input, the screen can be used as a common display to play PPT, advertising, etc., improving the disadvantages of a single mode of playback;
- Equipped with an information security system that enables round-the-clock security monitoring even in the event of a power failure;
- Support Theater Management System(TMS).



01

SHOWCASE TRUE, REALISTIC BLACKS THROUGH ULTRA CONTRAST

The ultra-high contrast ratio of LEDMAX cinema screen improves perceived resolution and presents screen content in precise, true black. The infinite contrast further maintains a true, low-tone grayscale effect and avoids the distorted tones commonly found in standard movie theaters.



Conventional Projection



LEDMAX Cinema Screen

02

DELIVER BRILLIANT, HDR-SUPPORTED CONTENT

By bringing High Dynamic Range (HDR) picture refinement to theaters, LEDMAX cinema screen boost content to a level of brightness six times higher than traditional theater standards. This improvement yields a clearer, more detailed picture.



Conventional Projection



LEDMAX Cinema Screen

03

EXQUISITE STRUCTURE

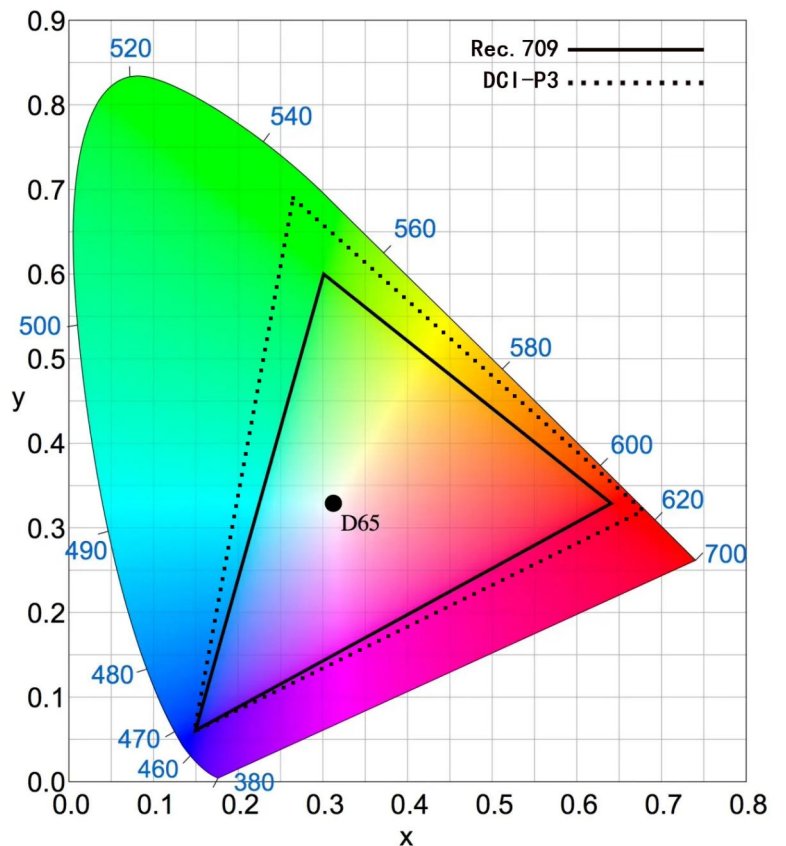
- High-quality aluminum alloy overall die casting molding, beautiful appearance, high strength, light weight, good heat dissipation.
- Both cabinet and back cover are CNC machining, high dimensional precision, ultimate flatness.
- Accurate positioning and quick installation.



04

DCI-P3 COLOR SPACE

The color space commonly used in the display industry is REC.709 color space, LEDMAX cinema screen adopts DCI-P3 color space, covering the entire color space of movie scenes, which is 135% of REC.709 color standard range. It can accurately restore the picture color, show more picture details, and more realistic response to the movie picture effect.



05

HIGH SECURITY

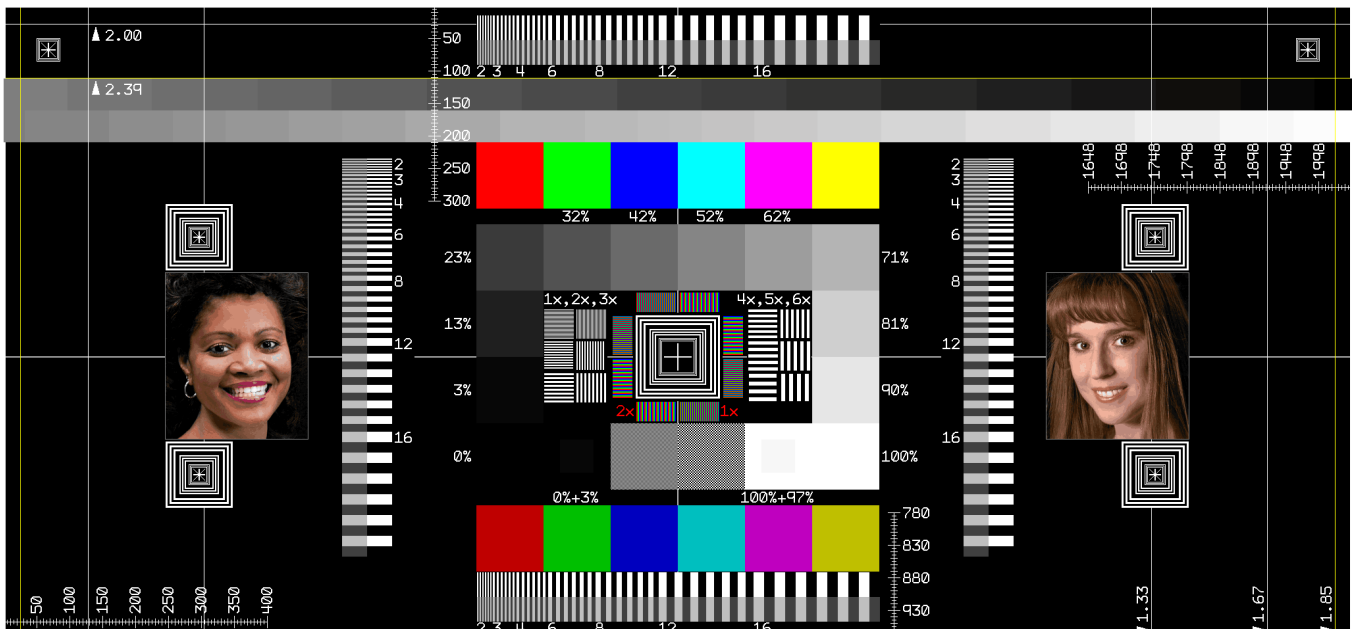
Equipped with information security system, even in case of power failure, it can realize 24H security monitoring all day long to prevent information from being stolen.



06

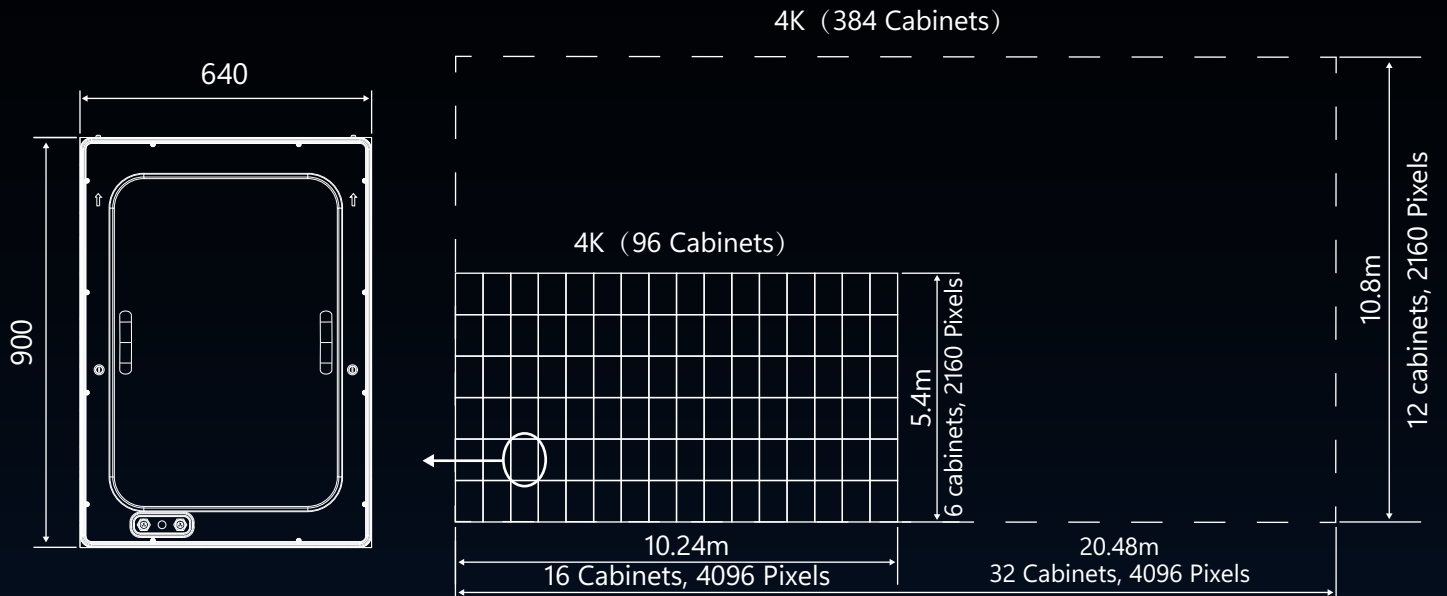
DCI CERTIFICATION

LEDMAX Cinema Screen has been certified by Digital Cinema Advocates International (DCI) after passing three major categories and about 100 fine and demanding tests.



07

Specification parameters



Product Name	LEDMAX CINEMA SCREEN	
Pixel Pitch (mm)	2.5	5
Pixel Density (dot/s.q.m)	160000	40000
Pixel Configuration	1R1G1B (SMD)	
Driving Type	1/30	
Dimension (m)	10.24*5.4	20.48*10.8
Pixel Resolution (row× column)	4096*2160	4096*2160
Weight	23kg (conventional cabinet) /29kg (Server cabinet) 4.6t (All screen with mounting bracket)	20kg (conventional cabinet) /35kg (Server cabinet) 14.5t (All screen with mounting bracket)
Porosity	/	≥17%
Brightness (cd/m ²)	48nits/300nits for HDR	
Power Max (w/m ²)	≤82W/m ² @48nits/≤193W/m ² @300nits ≤4.6KW@48nits/≤10.7KW@300nits (per screen)	≤44W/m ² @48nits/≤113W/m ² @300nits ≤9.6KW@48nits/≤25KW@300nits (per screen)
Power Average (w/m ²)	≤28W/m ² @48nits/≤65W/m ² @300nits ≤1.6KW@48nits/≤3.6KW@300nits (per screen)	≤15W/m ² @48nits/≤38W/m ² @300nits ≤3.2KW@48nits/≤8.4KW@300nits (per screen)
Server Model	QUBE XP-I	DOLBY IMS3000
Refresh Rate (Hz)	≥3840	
Gray scale (bit)	16	
Powe Supply	AC100-240V, 50/60Hz	
Mean Time Between Failures	≥10000h	
Lifetime of the LED	≥100000h	
Colorgamut	DCI-P3	
Maintenance mode	Rear	

Enpar Audio & Supply

Stetson Snell

Phone: 505-615-2913

Email: stetsonsnell@icloud.com

Address: 2020 N Bryant blvd. San Angelo TX 76903

Digital Light Sources LLC

Sami Haddad

Phone: +1 (805)804-5992

Mobile: +1 (805)427-9000

Email: samihaddad@dls.digital

Address: 2768 Santa Ynez Avenue Simi Valley, California 93063