

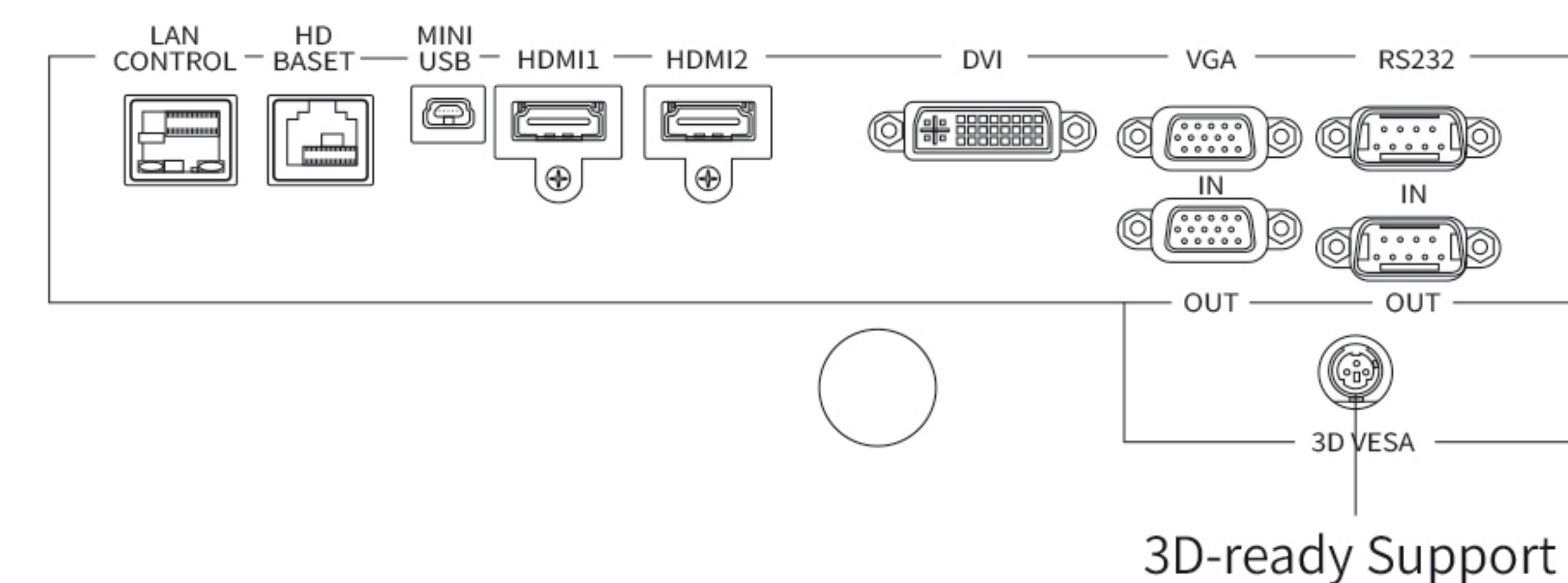
Specifications

Appearance			
Model	HT-K770U	HT-K870U	HT-K878U
Display method	DLP™chipx1, DLP™projection system		
Chip size	0.67inch(16:10 aspect Ratio)		
Pixel	2304000 (1920x1200)pixels		
Physical resolution	1920x1200(WUXGA)		
Brightness	8000lm	9000lm	10000lm
Contrast ratio	5000000:1(dynamic Mode)		
JBMA uniformity	≥90%		
Light source life	Standard mode 20000 hr, eco mode25000 hr		
Lens	Centered design, motorized zoom/focus/shift, multiple lenses options		
Color wheel	Phosphor color wheel		
Color wheel speed	7200 RPM		
Color space	>100% REC709		
Trapezoid adjustment	Vertical/horizontal ±15° keystone correction, four-corner adjustment function		
Image aspect ratio	4:3,16:9,16:10,16:6(Four aspect ratios are available)		
Maximum supported resolution	Support WUXGA 1920×1200		
Light source power consumption	2*22w+2*54w MCL	4*54w MCL	228w MCL
Power consumption	460w	600w	620w±10%
Minimum standby power consumption	<0.5w		
Input port	VGA IN x 1 DVI x 1 HDMI x 2 HD BASET x 1		
Output port	VGA OUT x 1, 3D VESA x 1 Mini USB x 1 RS232 input x 1 RS232 output x 1 LAN control (RJ45) x 1		
Control port	Forward and backward		
Infrared remote control sensor	Wind in from left, wind out from right		
Air inlet/outlet	38.0(MAX41.0)DB-A @25°C		
Operation noise (typical)	Plastic		
Shell material	Black		
Appearance Color	501mm×365mm×188.5mm (supporting feet included) 501mm×365mm×172.4mm (supporting feet not included)		
Dimensions (W x D x H)			
Weight	≥12.5KG	≥13KG	≥13KG

Optional lenses

Appearance				
Lens model	HT-L107D	HT-L120D	HT-L140S	HT-L150S
Throw ratio	1.07-1.7:1	0.75-1.2:1	1.42-2.56:1	1.5-3.0:1
Displacement	Vertical ±50% Horizontal ±10%	-30% - +35% ±10%	±50% ±10%	±50% ±10%

Appearance					
Lens model	HT-L030	HT-L055	HT-L070	HT-L080	HT-L090
Throw ratio	0.3:1	0.55:1	0.7:1	0.75:1	0.9:1
Displacement	Vertical ±40% Horizontal ±20%	-40% - +45% ±10%	±35% ±10%	±40% ±10%	±40% ±10%



* Notes

The relevant measurement methods and labeling methods comply with the ISO/IEC21118:2020 international standard. For detailed specifications and functional operation instructions, please refer to the product instruction manual. This product specification is for reference only. If there is any error or change, please refer to the actual product without prior notice. ◇The operating environment and method will affect the service life of the projector. The data listed are only maximum values and are not guaranteed hours.

H-OXE
Insight Image

DLP Laser Engineering Projector

Mainstream project-K series
HT-K770U | HT-K870U | HT-K878U

DURABLE HIGH-DEFINITION IMAGING

Electric Lens

Fast Focus Adjustment



Excellent Picture Quality HD highlights

High Resolution Vivid Colors

Full HD display, exquisite picture quality, standard resolution reaches 1920*1200 (WUXGA), which can meet the large-screen display needs of fine charts and high-definition images in business/teaching/exhibition displays and other scenarios. Ultimate color technology achieves brilliant color performance with a color space >100% REC709.

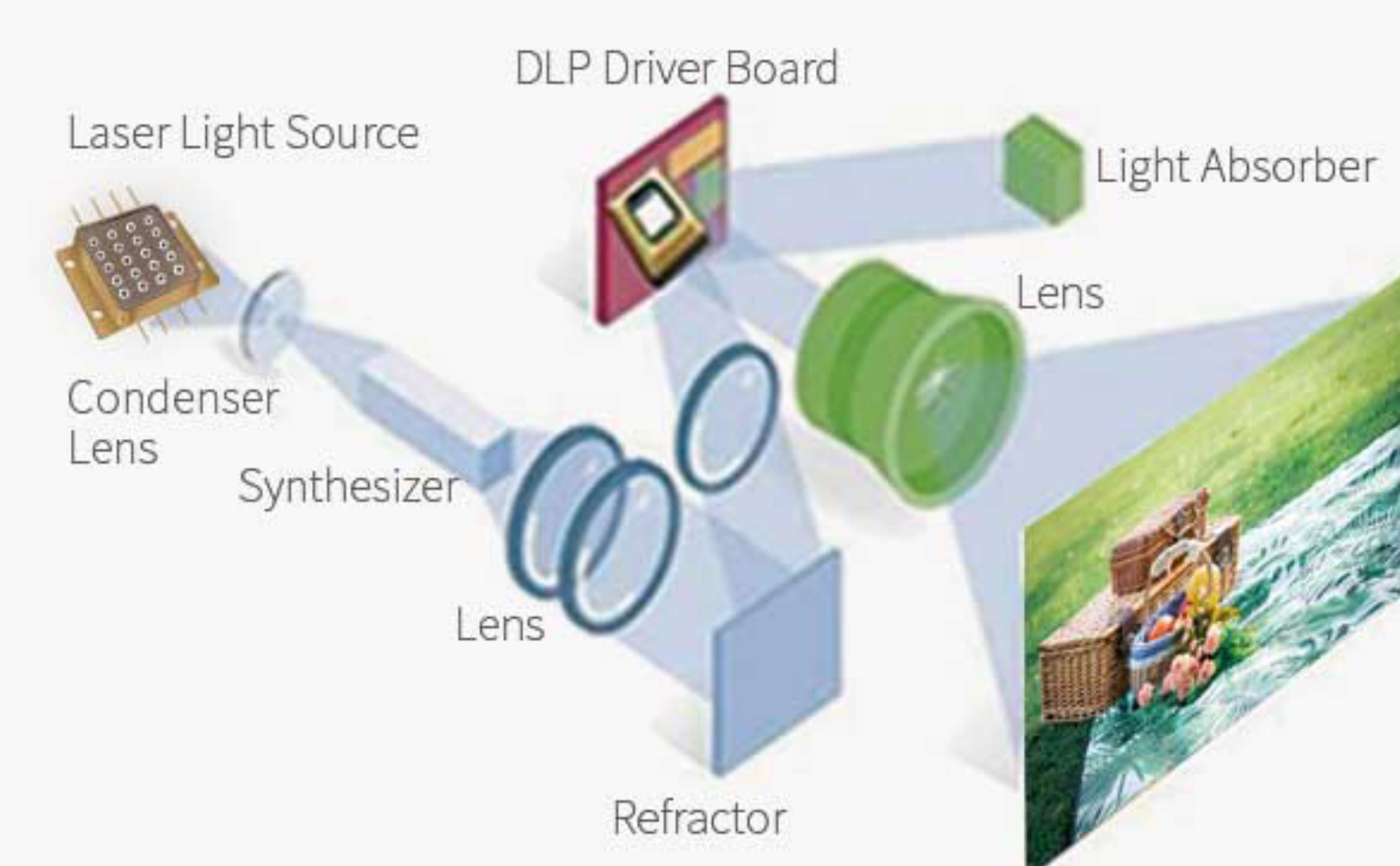
Exceptional Brilliance



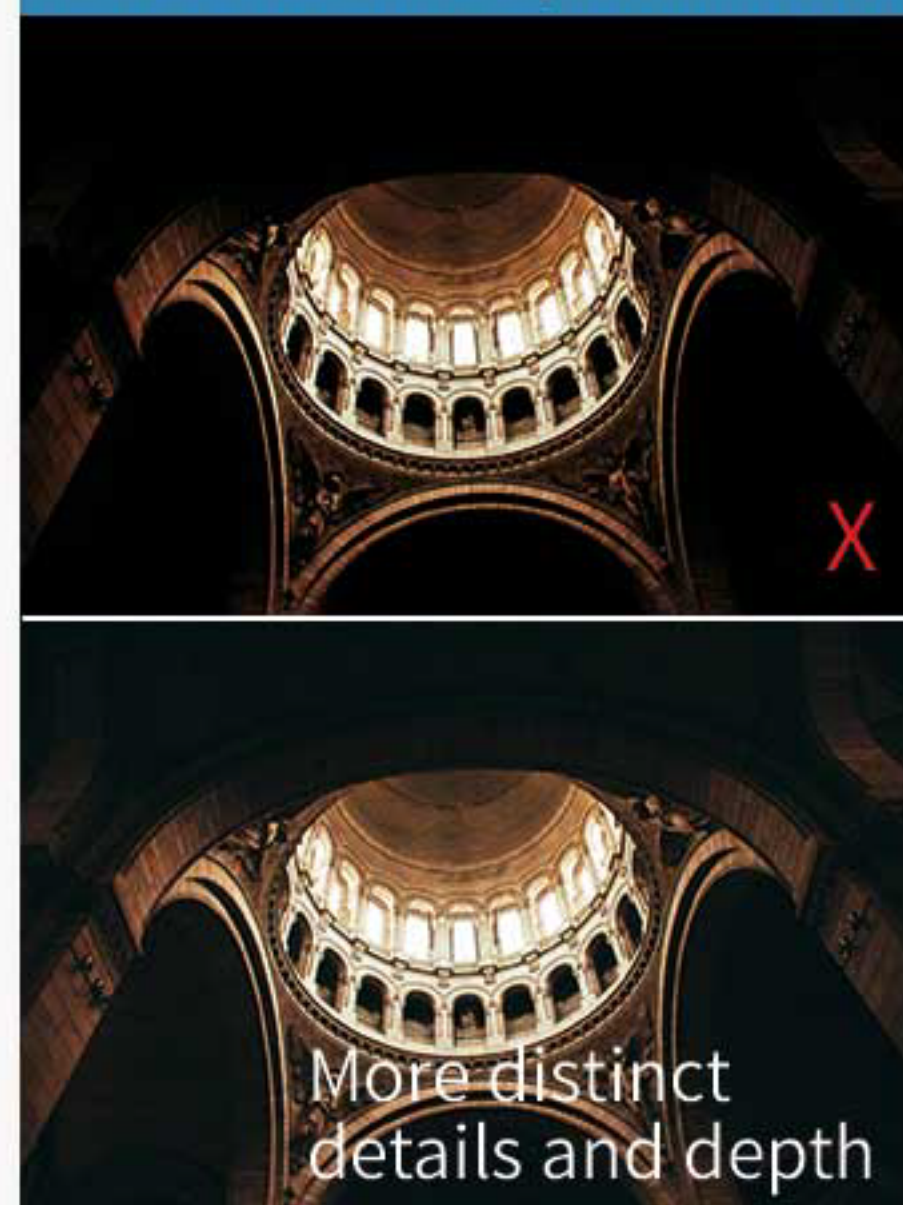
High Red Proportion

DLP Display Technology

Featuring a 0.67-inch high-reliability DMD display chip combined with golden color wheel technology, along with DCR contrast optimization, achieving a contrast ratio of 5,000,000:1, ensuring that text and images are clearly visible.



DCR Contrast Optimization



More distinct details and depth

Multiple Color Modes

Built-in multiple color modes with support for 3D color management.



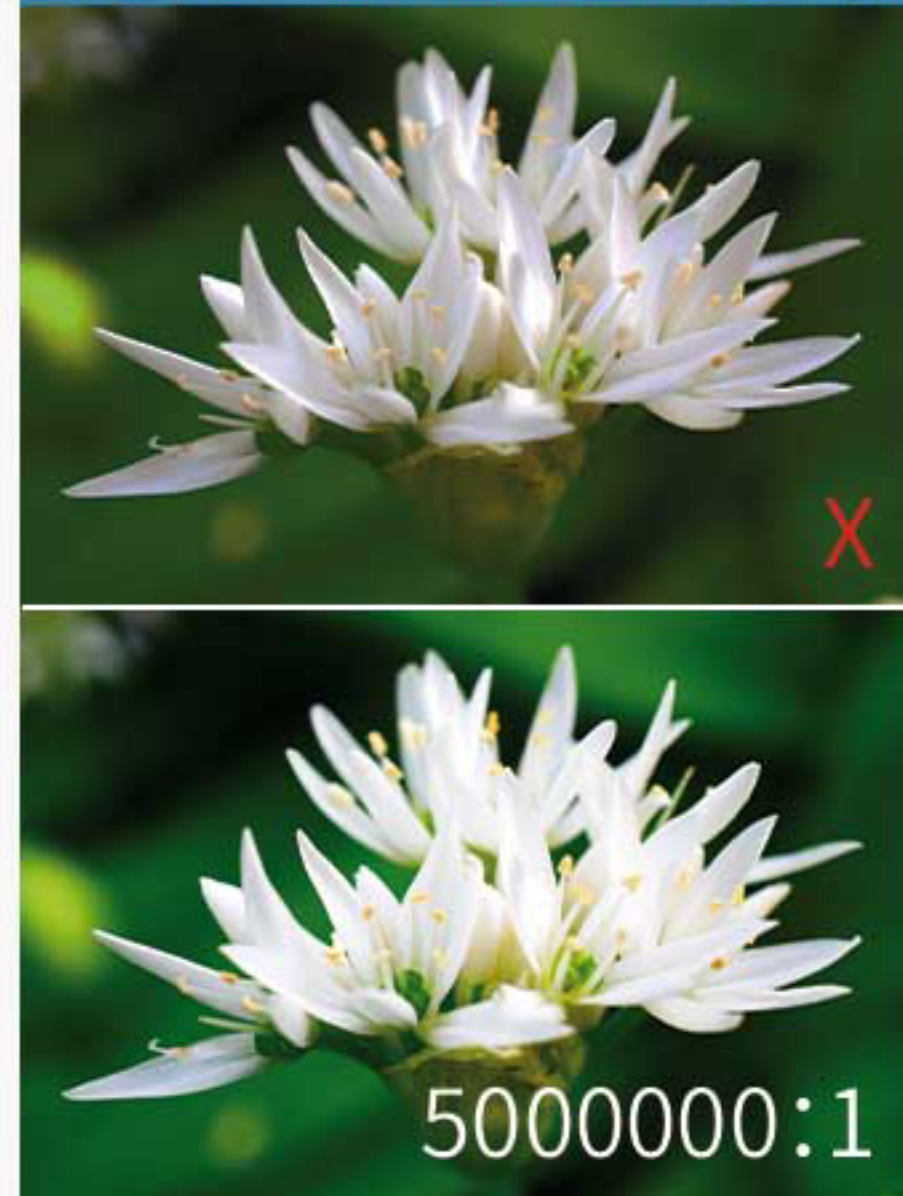
Different project consistent colors

Allows independent adjustment of hue, saturation, and gain for six primary colors, ensuring color consistency across different devices.

Unique optical path design

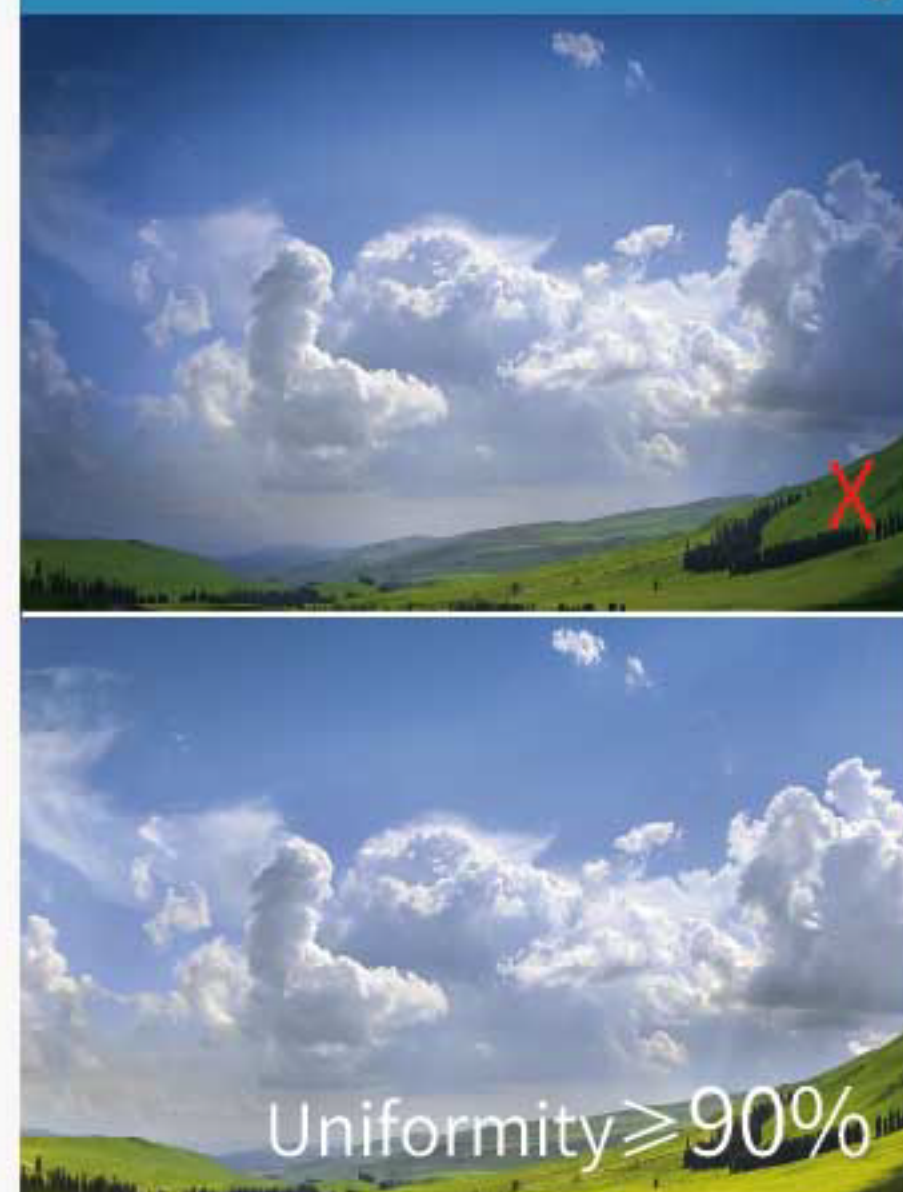
Compact system engineering achieves a center brightness of 8000-10000 lumens, delivering outstanding image quality even in bright environments. With excellent image uniformity and a brightness uniformity of 90%, the color and brightness remain consistent across the entire image.

High-Definition Imaging



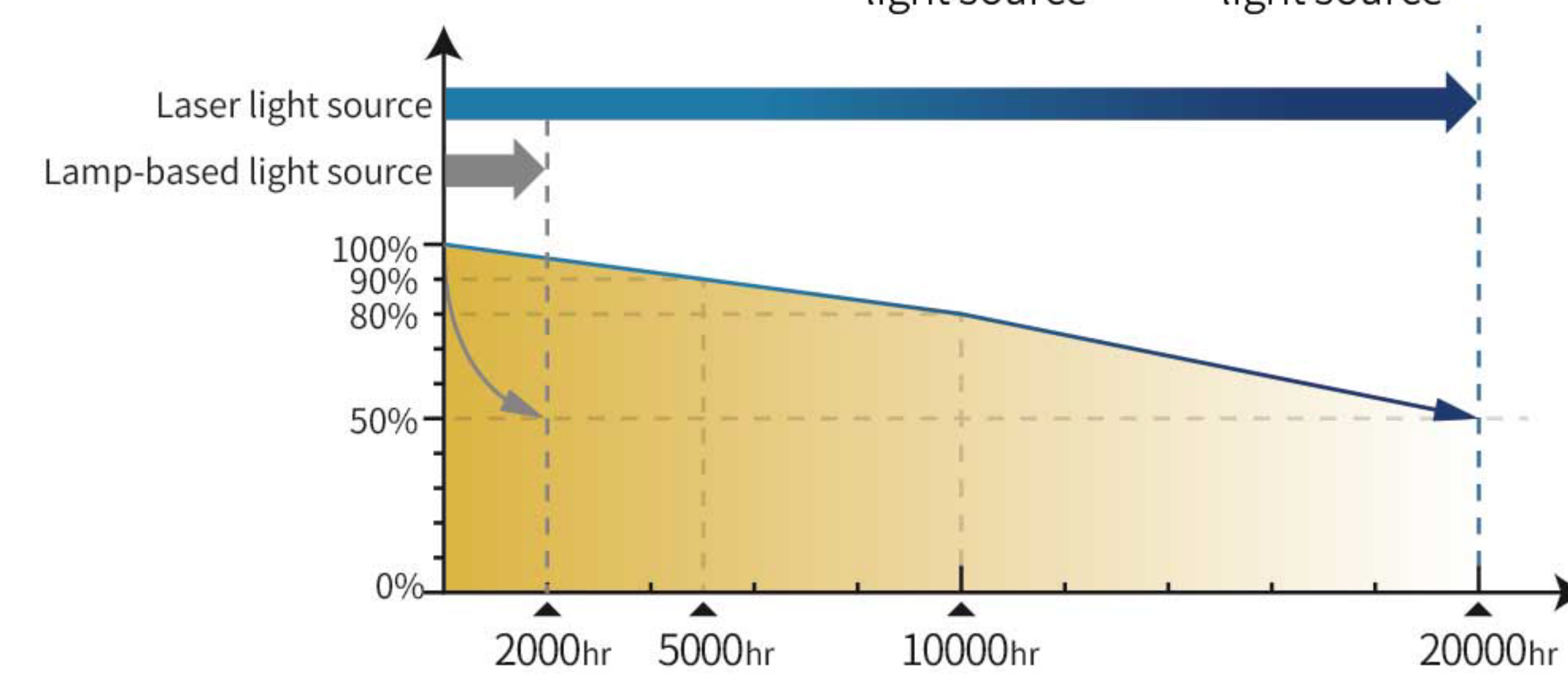
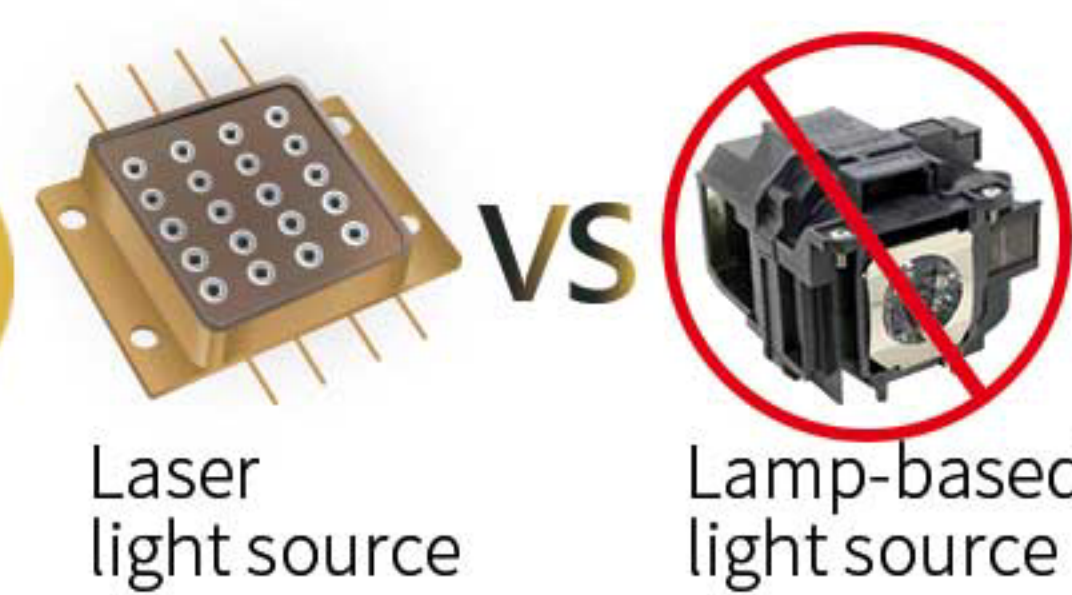
5000000:1

Excellent color uniformity

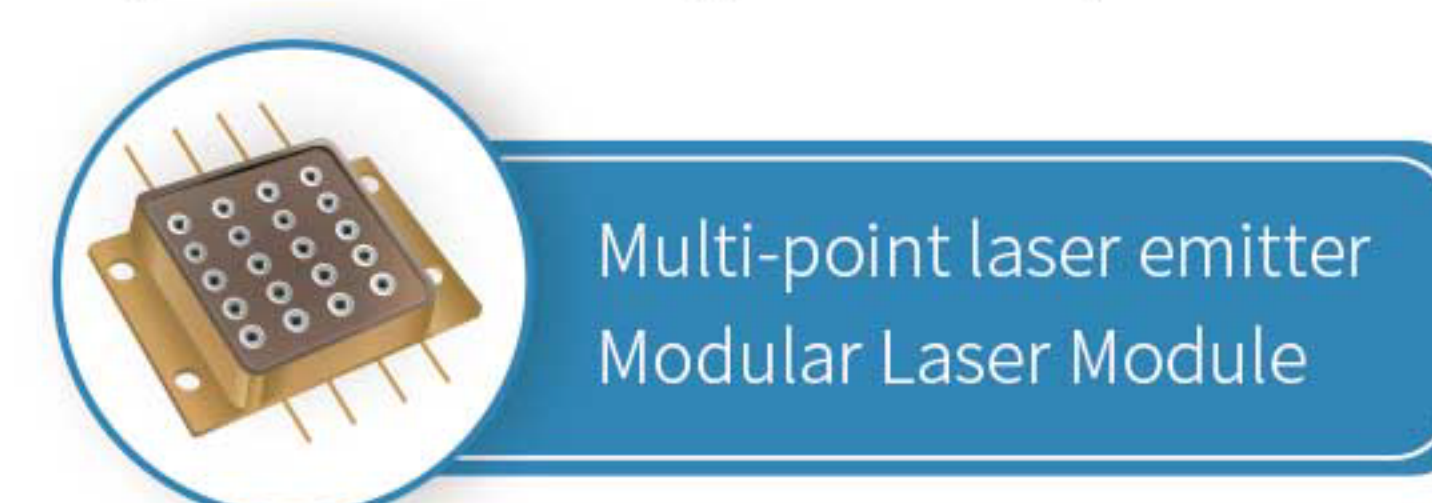


Uniformity ≥90%

Pure laser light source technology



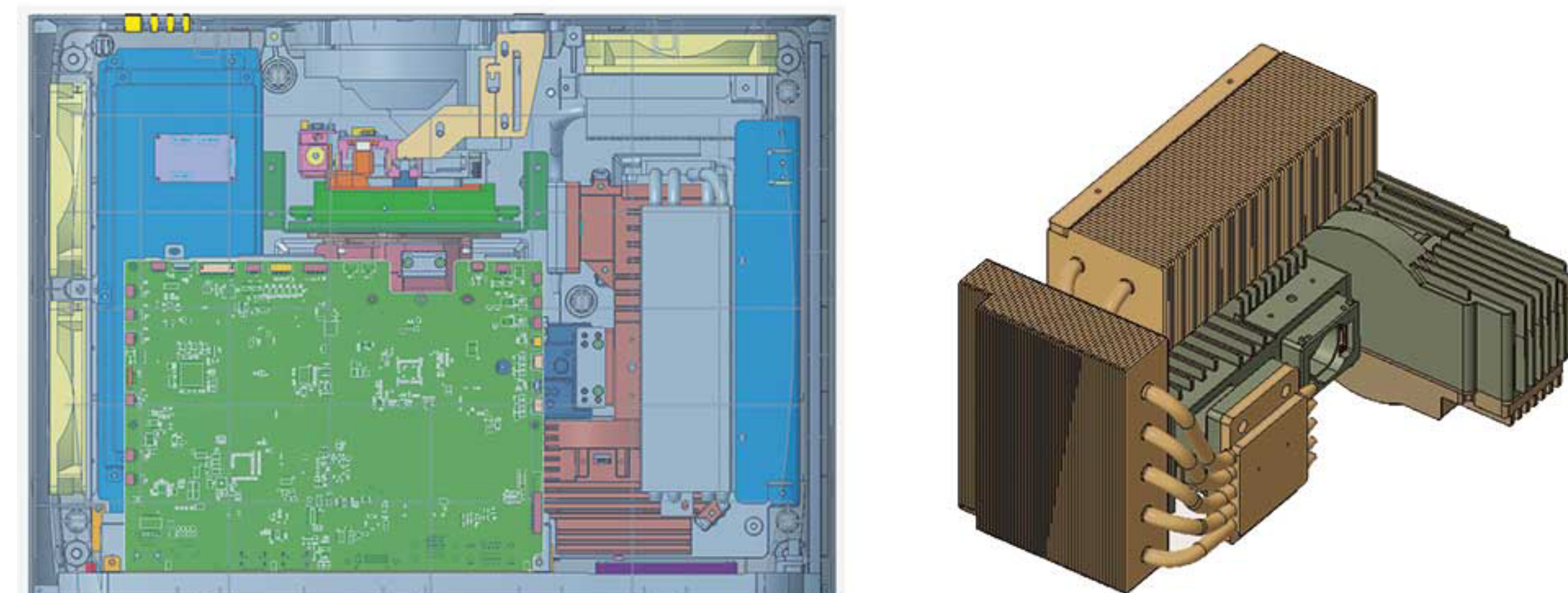
Featuring a 0.67-inch high-reliability DMD display chip combined with golden color wheel technology, along with DCR contrast optimization, achieving a contrast ratio of 5,000,000:1, ensuring that text and images are clearly visible.



Multi-point laser emitter
Modular Laser Module

The blue laser emitted by the laser system undergoes wavelength conversion through a phosphor to produce a purer blue light without any laser components. In particular, it eliminates the damage of high-energy short-wave blue light to the retina of the eye, and solves the problem of blue light being violet and laser radiation. Safety hazards and eye damage caused by short-wave high-energy lasers.

Stable Performance Long-lasting Efficiency

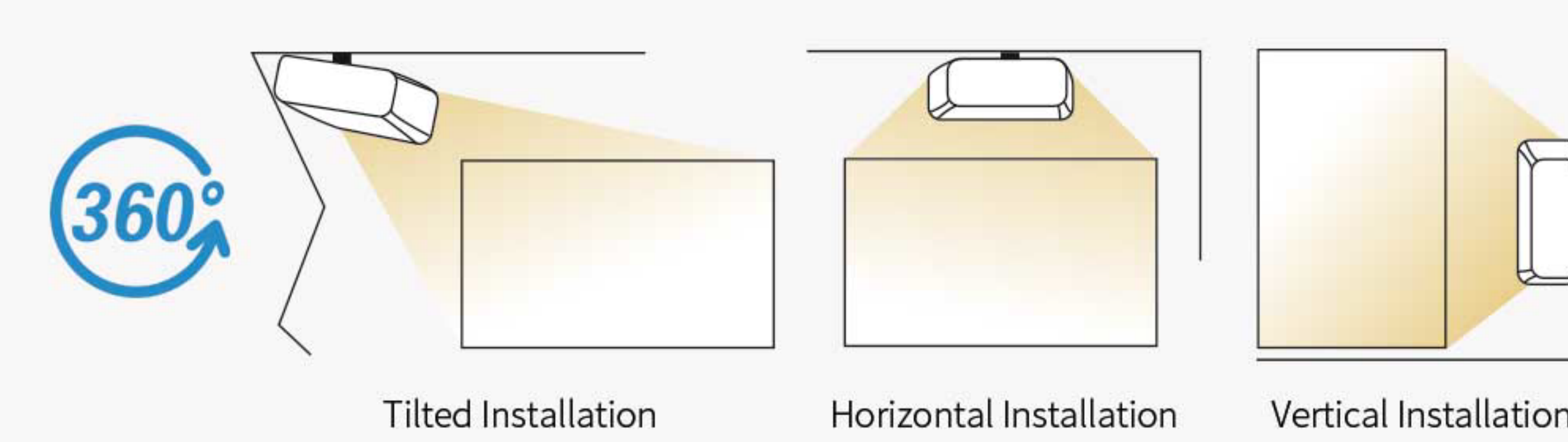


Engineering Machine Design Standard

The fully sealed design of the light source and light engine, along with the dust-proof treatment of the lens, achieve excellent dust-proof effect on the light engine part, ensure the high protection effect of the core components, and support stable operation 7*24 hours.

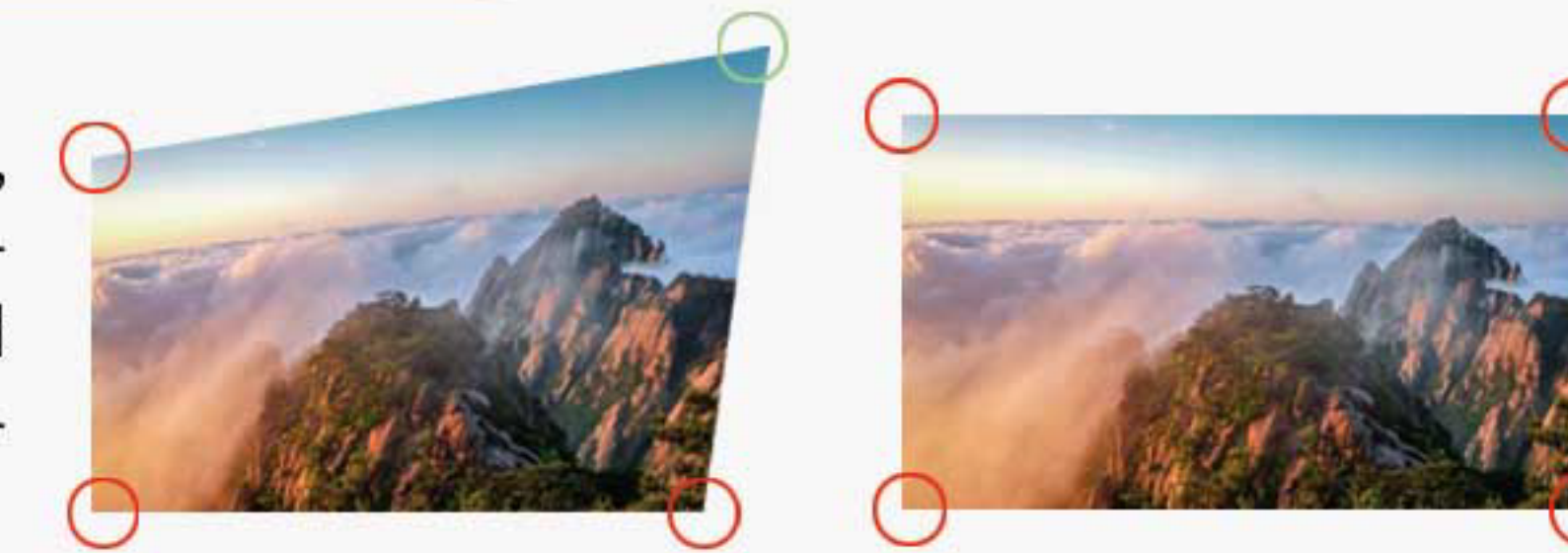
Convection Ventilation System

The system adopts a left-in, right-out air duct design with a convective ventilation system to ensure smooth airflow and fast heat dissipation.



360° Free Installation

Supports 360° free installation, along with $\pm 15^\circ$ vertical/horizontal keystone correction and four-corner adjustment functions.



Flexible Installation and Easy Operation

Multiple lens options available



The lens features a centered design with motorized zoom/focus, motorized vertical / horizontal lens shift. A variety of optional lenses with throw ratios ranging from 0.55 to 3.0 are available, one-click snap-on lens installation, wide range of applications, can meet various application scenarios Different needs.

Multiple interfaces

The projector comes equipped with commonly used video input interfaces, including HDMI/DVI/VGA, as well as control interfaces such as RS232C and RJ45 ports. It also features a built-in HDBaseT interface, allowing the transmission of audio, video, and control signals over a single network cable for distances of up to 100 meters, ensuring stable and reliable signal transmission.



Various portable functions

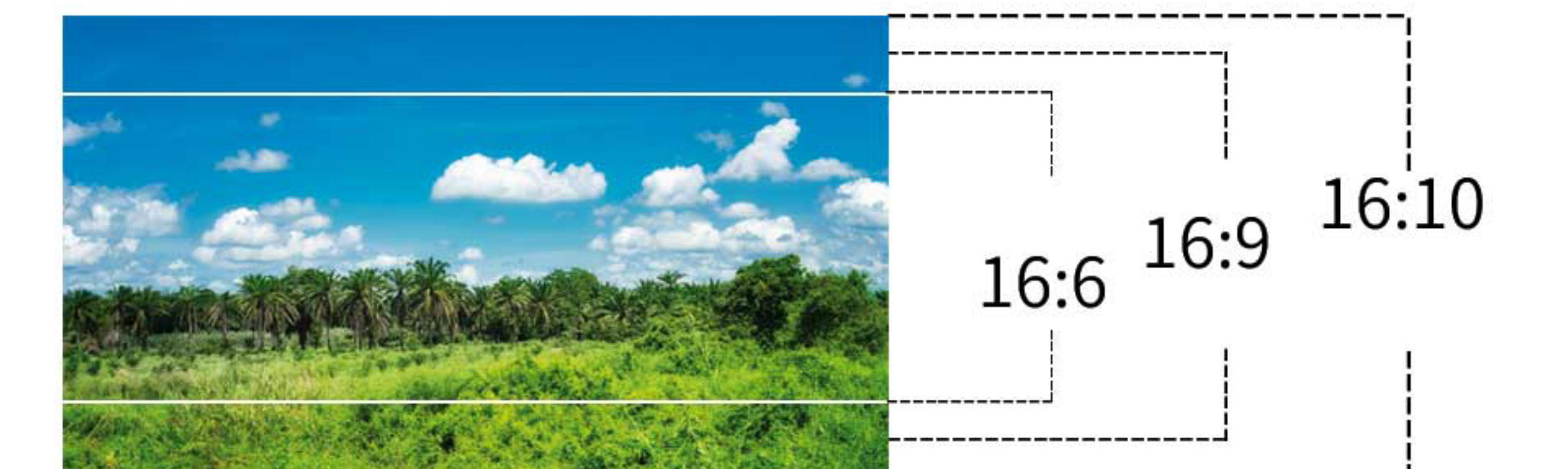
Power-On Directly with AC; Quick Start and Shutdown; Auto Power-Off Timer; Signal-Triggered Auto Power-On.

Powerful functions Easy application

3D-Ready Support



Supports image aspect ratios of 4:3, 16:9, 16:10 and 16:6



Support PJLINK network control

Remote Control ID Setting Remote control includes a laser pointer button

ID SET



Laser Pointer

Customizable startup screen signal search screen and blank screen with up to 8 color options

High-Altitude Mode

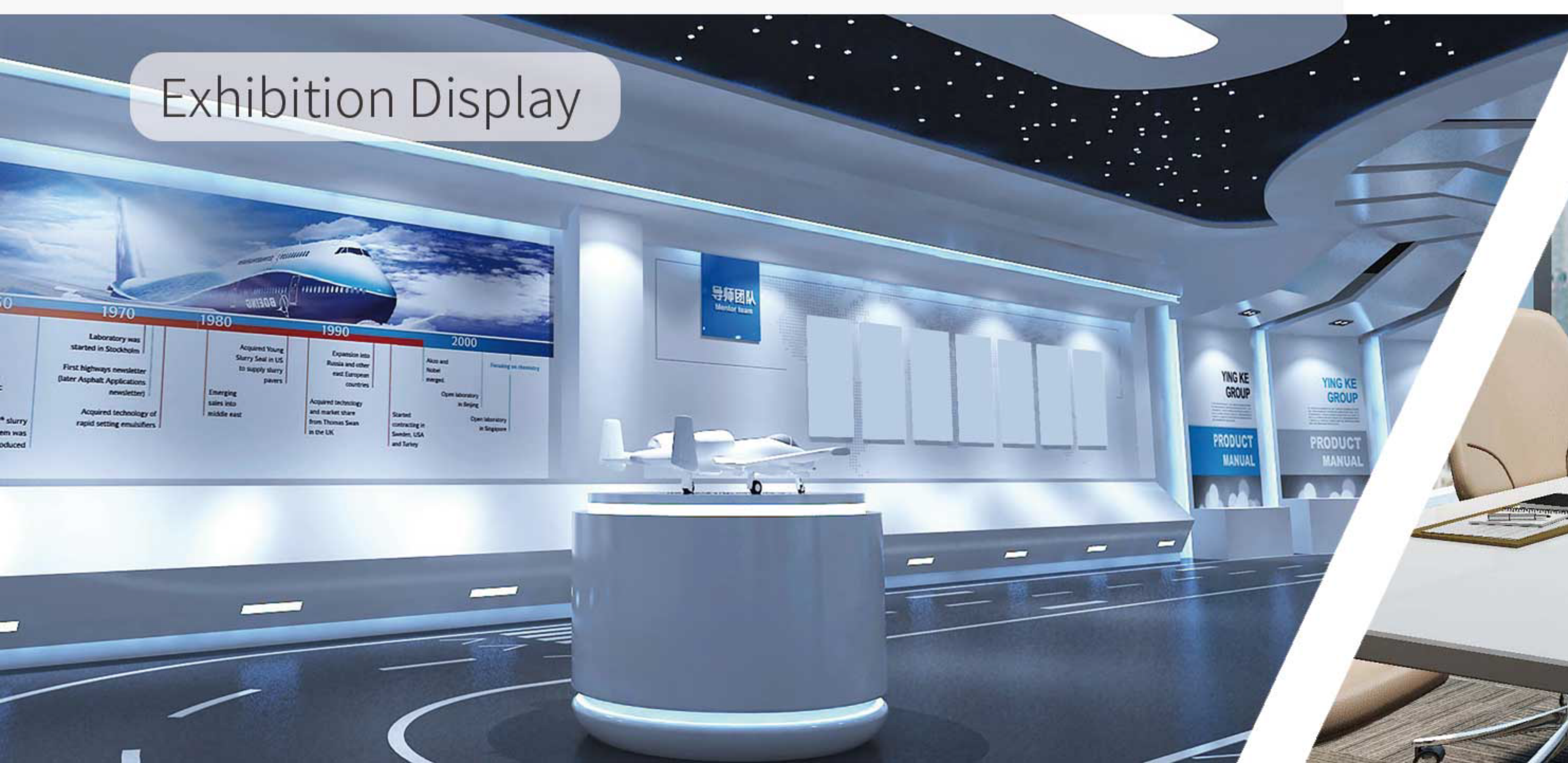
One-key blanking function

Timer Function

Energy saving and environmental protection the standby power consumption can be less than 0.5W Automatic energy saving without signal input



Exhibition Display



Conference Room/Auditorium



Banquet Hall



Cultural Tourism

