

迪恒
股份

DU6200

LASER PROJECTOR

北斗系列激光工程投影机



Product parameters

产品参数

北斗系列-DU6200工程激光投影机

Beidou series-DU6200Laser Engineering Projector

型号(Model): DU6200	亮度(Brightness): 6200 ISO流明 (lumen)
显示芯片(Display chip): 3*0.64"	投射比(Projection Ratio): 1.22~1.98
投影技术(Projection technology): 3LCD	对比度(Contrast ratio): 5000000:1
分辨率(Resolution ratio): 1920*1200 (16:10)	均匀度(Uniformity): ≥80%
光源(Light source): MCL激光光源 (laser source)	画面尺寸(Screen size): 30"~300"
光源寿命(Light source lifespan): 20000 hour	噪音(Noise): 37decibel
变焦比(Lens parameters): 1.6标镜 (index glass)	扬声器(Speaker): 16W*1
投影角度(Projection angle): 2*360°	梯形校正(Keystone): V: ±30° H: ±30°
吊装翻转(Lifting and flipping): 支持 (support)	电压(Voltage): 100~240V@ 50/60Hz
重量(Weight): 7.7 (kg)	尺寸(Size): 405*358*136 (mm)

输出接口(Output interface): VGA*1, Audio out (mini-jack,3.5mm)*1, RS232*1, RJ45*1 (Control) USB-B*1 (For upgrade)

输入接口(Input): VGA*1, HDMI 1.4B(IN)*2, USB-A*1, USB-B*1 (Display), RJ45*1 (Display), Audio in (mini jack,3.5mm)*1,

镜头参数(Lens parameters): F 1.5-2.08, f 17.2mm-27.7mm

镜头位移(Lens displacement): V: +60%~0%、H: ±29% (标镜) (index glass)

几何校正(Contrast ratio): 四角拉伸、六角拉伸、墙角折角校正、曲面校正、11*17格点校正 (Quadrangle stretching, hexagonal stretching, wall corner bending correction, surface correction, 11 * 17 grid point correction)

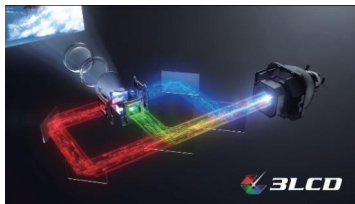
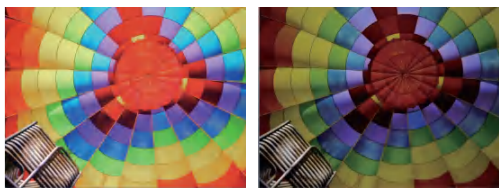
网络控制(Network): RoomView (Crestron)、AMX Discovery、PJ Link

兼容分辨率(Compatible resolution): VGA, SVGA, XGA, SXGA, WXGA, UXGA, WUXGA, 4K@30Hz,

整机功率(Power): (Normal) (Max) 360W, (ECO1) (Max) 280W, (ECO2) (Max) 230W

3LCD projection technology

3LCD投影技术, 搭载3*0.64寸液晶芯片



采用色彩表现更出色的3LCD技术, 搭载3*0.64寸液晶芯片, 可以实现更高的光利用率, 忠实与色彩本身, 能够呈现充足的色彩亮度, 画质更加出众, 画面细节展示更加突出。

By using the 3LCD technology with better color performance and equipped with a 3 * 0.64 inch LCD chip, higher light utilization can be achieved, faithful to the color itself, and able to present sufficient color brightness, outstanding image quality, and more prominent display of image details.

6200 ISO流明, 无惧强光 6200 ISO lumens, fearless of strong light

投影亮度高达6200ISO流明, 在高端宴会厅、会议室、展厅展馆等场景下, 无惧环境光的影响。相比LED光源娱乐投影机, 北斗系列抵御环境光的能力更强, 进而有更好的对比度表现和色彩还原度。



The projection brightness can reach up to 6200ISO lumens, and it is not afraid of the influence of ambient light in high-end banquet halls, conference rooms, exhibition halls, and other scenes. Compared to LED light source entertainment projectors, the Beidou series has a stronger ability to resist ambient light, resulting in better contrast performance and color reproduction



红光占比达15%, 100%CLO, 105%REC70 色域占比, 色彩更艳丽

红光占比达15%, 100%CLO, 105%REC70色域占比, 相比较竞品, 各项色彩指标均表现优异。投影画面色彩更艳丽画质更细腻。

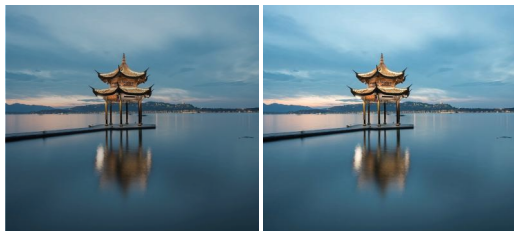
Red light accounts for 15% 100% CLO 105% Rec70 color gamut

Red light accounts for 15%, 100% CLO, and 105% Rec70 color gamut. Compared to competitors, all color indicators have performed excellently. The projection screen has more vibrant colors and finer image quality.

采用远心光学架构 Adopting telecentric optical architecture



色彩均匀度
Color Uniformity



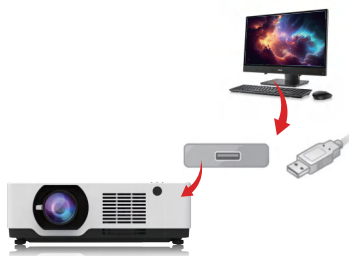
亮度均匀度 $\geq 90\%$
Luminance uniformity

采用远心光学架构设计,相比非远心光学架构拥有更出色的色彩均匀度,亮度均匀度表现,更利于大屏融合的一致性表现。

Adopting a telecentric optical architecture design, compared to non telecentric optical architectures, it has better color uniformity and brightness uniformity performance, which is more conducive to the consistency performance of large screen fusion.

USB-B接口直连PC投影显示 USB-B interface directly connected to PC projection display

产品的USB-B接口可直连PC电脑的USB接口进行投影显示。在会议等应用场景中,为用户提供了更多的接线选择。



The USB-B interface of the product can be directly connected to the USB interface of a PC for projection display. In application scenarios such as conferences, it provides users with more wiring options.

支持4点、2*3格点, 11*17格点几何校正 Support grid geometry correction

支持V: $\pm 30^\circ$ H: $\pm 30^\circ$ 梯形校正,支持四角拉伸(2*2),支持六角拉伸(2*3),墙角折角校正,支持曲面校正,11*17格点校正。丰富的几何校正功能,使得用户在投影平面、弧形、墙角、柱子等场景时,不用外接处理设备即可获得完美的投影画面。

Supports V: $\pm 30^\circ$ H: $\pm 30^\circ$ trapezoidal correction, supports quadrilateral stretching (2 * 2), supports hexagonal stretching (2 * 3), wall corner bending correction, supports surface correction, and 11 * 17 grid point correction. Rich geometric correction functions enable users to obtain perfect projection images in scenes such as projection planes, arcs, wall corners, and columns without the need for external processing equipment.

支持开机画面自定义 Support customization of startup screen

用户通过遥控器即可在OSD菜单中设置截图并作为开机画面展示。

Users can set screenshots in the OSD menu and display them as startup screens through the remote control.

标配RJ45、RS232接口,支持多种控制方式 Standard RJ45、RS232 interfaces multiple control methods

产品标配了RJ45、RS232接口,支持IR遥控、按键板控制、网口、串口等多种控制方式和控制协议。

The product comes standard with RJ45 and RS232 interfaces, supporting various control methods and protocols such as IR remote control, button board control, network port, serial port, etc.

无缝对接迪恒“魔盒”，娱乐更强大

产品可以无缝对接迪恒魔盒产品，借助魔盒强大的几何校正功能、融合功能、片源素材、播放控制等功能，可以为娱乐、展示等场景提供性价比更高、实用性更强的解决方案。

Seamless integration with DiHeng's "Magic Box" for stronger entertainment

The product can seamlessly connect with DiHeng Magic Box products. With the powerful geometric correction function, fusion function, film source material, playback control and other functions of the Magic Box, it can provide more cost-effective and practical solutions for entertainment, display and other scenarios.

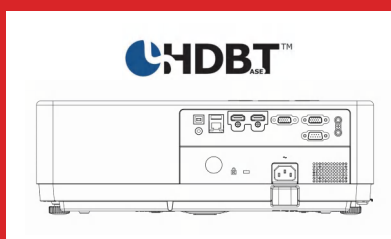


可选配HDBaseT接口以及无线模块

Optional HDBaseT interface and wireless module

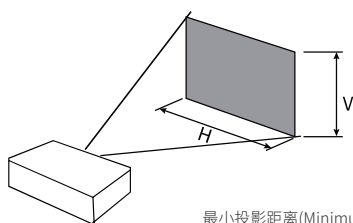
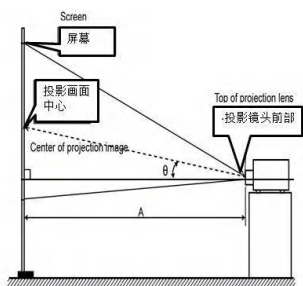
用户可选配HDBASET模块以及无线模块。产品搭载HDBASET模块后可具备HDBASET接口，通过网线连接投影机，信号的传输距离长达70米。无线模块可以提供无线投影功能。

Users can choose to equip HDBaseT modules and wireless modules. After being equipped with the HDBaseT module, the product can have an HDBaseT interface, which can be connected to the projector through a network cable, and the signal transmission distance can reach up to 70 meters. The wireless module can provide wireless projection function.



投影距离表

Projection distance table



画面高(Screen height): **H/m**
画面宽(Screen width): **W/m**
最小投影距离(Minimum projection distance): **AW**
最大投影距离(Maximum projection distance): **AT**

16:10宽高比aspect ratio

屏幕尺寸screen size	W/h	H/m	AW	AT
30	0.646	0.404	0.779	1.320
40	0.862	0.538	1.052	1.773
60	1.292	0.808	1.598	2.679
70	1.508	0.942	1.871	3.132
80	1.723	1.077	2.144	3.585
90	1.939	1.212	2.417	4.038
100	2.154	1.346	2.690	4.491
120	2.585	1.615	3.236	5.397
150	3.231	2.019	4.055	6.756
200	4.308	2.692	5.419	9.022
250	5.385	3.365	6.784	11.287
300	6.462	4.039	8.148	13.552

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