

## 8300 Lumens 1920x1080 0.65-4.7 Throw Ratio Laser Projector DU8300

8300 lumens, 1920\*1080 resolution, 0.65-4.7 throw ratio

DU8300 is the professional engineering projector. It has 8300 lumens brightness with WUXGA resolution. It supports 2\*360 ° vertical and horizontal projection, which can meet the requirements of multi-angle projection. DU8300 is more suitable for the movie theater, large lecture room and others. DU8300 adopts the function of sealed design which are more suitable for the outdoor projection.



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## Functions of Laser Projectors

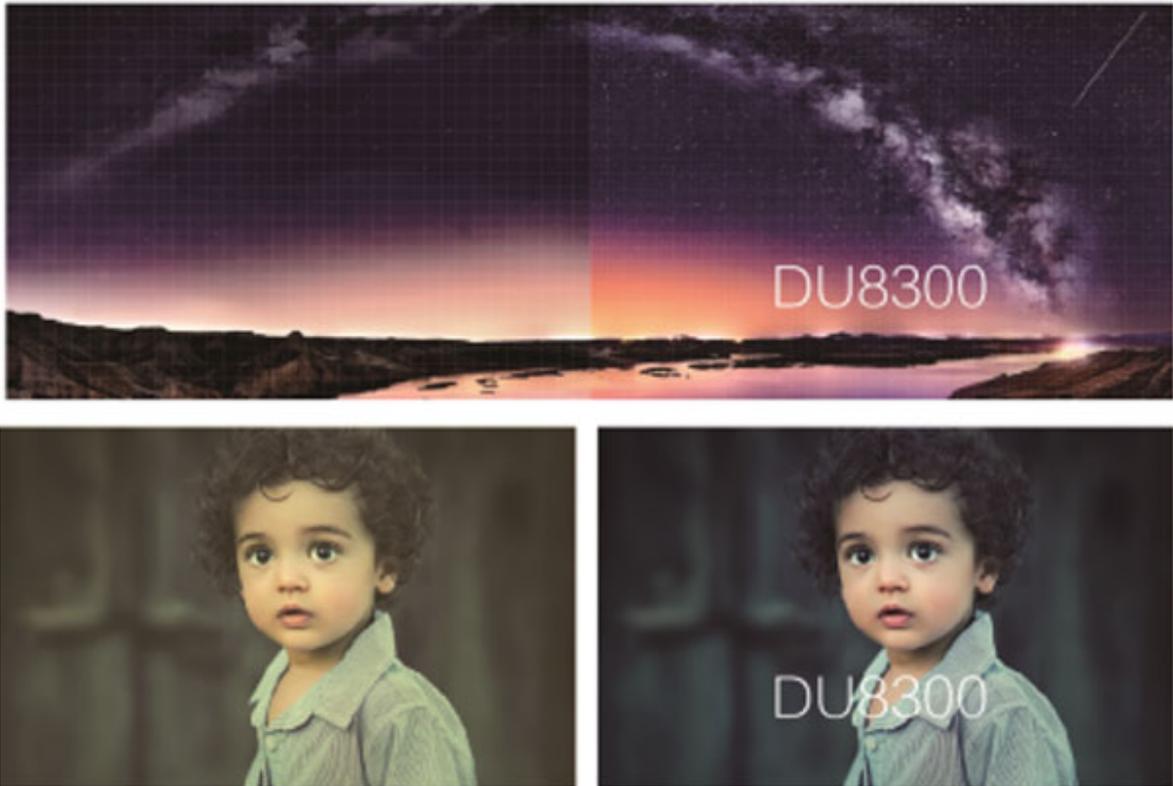
### DU8300 Laser Projector



[DU8300 professional laser projector](#) adopts the professional laser light source. The brightness attenuation of laser light source is slower. DU8300 has the 8300 lumens brightness, WUXGA resolution, 20000hours service life and support 3D mould. It has 5 alternative lens and the throw ratio covers most range from 0.65 to 4.7. It is equipped with DP, HDBaseT and other interfaces, which adopts superconducting pipe liquid cooling, and supports 7\*24 hours uninterrupted operation and 720 degrees installation at any angle.

[DU8300 professional laser projector](#) is widely applied to the cultural tourism, exhibitions, movie theatre, large conference rooms, classrooms and others based on its advantages of high stability, outstanding quality, excellent picture function of consistency.

### **More professional laser light source**



The professional laser light source has 20000 hours service life.

The laser dlp projector 1080p can be turned on and off quickly.

It has the brightness color with stability system, so that the color brightness maintains the long-term stable output. It has liquid cooling laser light source system, and this reasonable heat dissipation design can make sure the stable output of the light source for a long time.

### The better picture quality

[DU8300 professional laser projector](#) uses a new laser light source, with the original high contrast DLP projection system, comprehensively improve the projector color performance.

Compared with the same level of laser engineering projectors, [DU8300 professional laser projector](#) has more profound black- level performance and brighter white field, which makes the picture contrast higher and the picture level richer. It can show more details when projecting the same image.

### Higher performance, more convenient framework design



The stability of DMD chip can effectively avoid the color cast caused by chip aging.

The service life of 20,000 hours light source can effectively avoid the trouble of changing the light and readjusting, splicing and edge blending.

For users, it can reduce maintenance costs, maintenance time and the loss caused by the shutdown of maintenance time.

It is more suitable for long time use in cultural tourism, theme parks and other occasions.

The professional color matching design of DHN engineering projectors makes it easy to solve the chromatic aberration problem in the application of edge blending.

### **Totally-enclosed design**

The laser light source module is designed with full seal

Optical -mechanical system is designed with full seal

DMD chip is designed with full seal

Optical lens designed with full seal

Dual color wheel designed with full seal

Liquid cooling system designed with full seal

Dust can't get into the laser optical system, so the equipment runs stably for a long time and the brightness and color output more stable.

### **Especially for Mosaic fusion design, color consistency is higher**

Excellent light path design can reduce the thermal drift of projection to minimum, which is more conducive to splicing and fusion.

The color matching function specially designed by DHN engineering projection for splicing and fusion enables the brightness and color consistent before adjusting. In the field of large-screen splicing and fusion, chromatic aberration problem can be easily solved.

### **Support full series 3D**



Support single projector blur-ray 3D DLP-link 3D; support frame sequential format, frame encapsulation format, Top-under format, side by side format.

**Five lenses are interchangeable and the projection ratio covers the vast majority of the range from 0.65 to 4.7**



**Standard Lens : 1.4-2.52;**

TR: 0.65: 1;

TR: 0.8:1;

TR: 1.46-2.99 ;

TR :2.9-4.7

Lens disassembly and assembly is more convenient

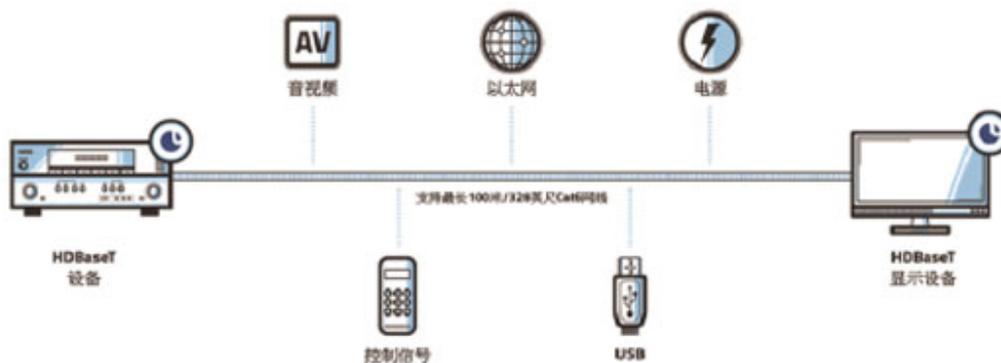
Support lens electric focusing, electric displacement, electric zoom (if variable)



### Safer design

Equipped with laser safety lock, if the projector is switched on and the lens is removed or the lens is not installed correctly, the projector will automatically shut down;  
The lens has a detachable design to prevent the lens from being easily removed.

### HDBaseT interface for long distance transmission



Built-in HDBaseT receiver, which can support 100 meters long transmission of video and control signals, through super five or six types of network cable and HDBaseT transmitter, can support 100 meters long transmission of video and control signals.

### Rich Interfaces



VGA In X 1
Audio In Jack X 1
HDMI x 3
HDBaseT x 1
Microphone X 1
RS-232C X 1
Mini USB X 1 (for F/W upgrade or Interactive)
VGA Out X 1 (VGA In/Out selected by OSD)
Audio Out Jack X 1
RJ45 X 3(Support projector control & PoE)

## Parameter

Brand name	DHN - the professional projector supplier
Model	DU8300
projection technology	DLP
VGA Chipset	0.67" DMD WUXGA
Resolution	1920 x 1200 (16:10) WUXGA
Light source technology	Full laser solid-state laser technology
Lamp life	≥20000hours
Brightness	8300Lum
Contrast ratio	300000: 1
Brightness uniformity	85% (Typical)
color uniformity	$\Delta u' v' \leq 0.023$
Lens	F/2.3-3.15
Throw ratio	1.4~2.52
Lens shift	limited range,(HM)
	V: 100% - 120%
	H: 90% - 110%
Image size	27.9"~301.8"
Lens shift	support
geometric correction mode	Calibration point stretch
number of calibration point	four points calibration
Control protocol	Crestron / PJLink / AMX /Extron
HDBaseT	HDBaseT interface transmission rate up to 10.2Gbps, support up to 100 meters long distance transmission.
Noise	35db/29db
3D	3D DLP Link Projector
2x360° projection	support

loudspeaker	10W x2
Demension	405mm (W) x 397mm (D) x 129mm (H)
Weight	11Kg
The input interface	VGA In X 1
	Audio In Jack X 1
	HDMI x 3
	HDBaseT x 1
	Microphone X 1
	RS-232C X 1
	Mini USB X 1 (for F/W upgrade or Interactive)
The output interface	VGA Out X 1 (VGA In/Out selected by OSD)
	Audio Out Jack X 1
Network interface	RJ45 X 3(Support projector control & PoE)
power souce	input voltage: AC 90-264V~50/60 Hz
	Total power: Full mode: 480W, Econ mode: 320W, Standby mode: <0.5W
Power output	USB-A X 1 (5V@1.5A)
	USB-A X 1 (5V@0.8A)
	12V
3D VESA	miniDIN 3pin
12V power supply	DC-Jack 2pin