

8400 ANSI Lumens Large-Venue DLP Engineering Laser Projector

Model HW8

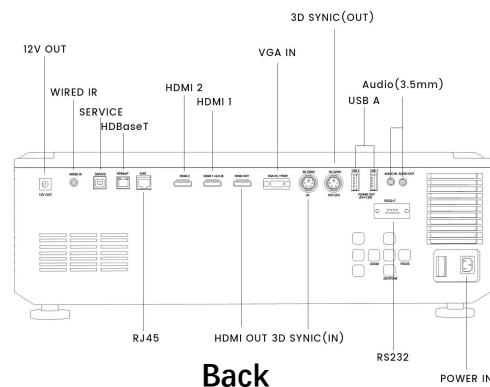
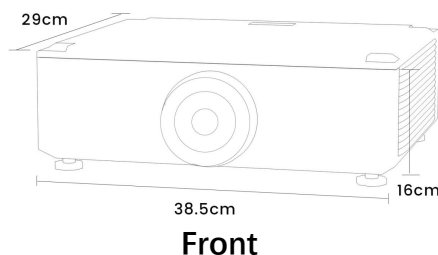


Product Overview

The HW8 is a large-venue DLP engineering laser projector featuring a 0.67" DMD chip. Speckle-Free laser display technology combines an HD wide color gamut with 8400 ANSI lumens of high brightness. A 2,000,000:1 high contrast ratio and >90% brightness uniformity ensure vivid and consistent image performance. Flexible 720° installation and multiple lens options create unlimited possibilities for a wide range of applications. HDBaseT enables long-distance transmission with low cost. A powerful image processing core supports HDR and 4K signal input, consistently delivering a high-definition viewing experience. The fully sealed optical engine offers IP6X-rated dust-free protection, extending the light source lifespan to 20,000 / 40,000 hours (standard / energy-saving mode). Ideal for a wide range of large-venue applications, including DICOM medical education, conferences, theme parks, exhibitions, and more.

Weight: 6kg

Structures



Features

- 8400 ANSI lumens brightness and wide color gamut — high brightness and color performance coexist
- Speckle-Free laser display technology improves the uniformity of color and brightness
- Covers Rec.709 high-definition color gamut, precisely restores image colors
- 720° flexible installation and multiple lens options, suitable for various applications
- Supports electronic vertical and horizontal lens shift, geometric keystone correction (vertical, horizontal, 4-corner, arc adjustment)
- Supports HDR images and 4K signal input, delivering higher-quality visuals
- Fully sealed optical engine, IP6X dust-free protection ensures low brightness decay and extends lifespan to 20,000 hours (standard mode) / 40,000 hours (energy-saving mode)
- Low-cost HDBaseT long-distance transmission solution, delivering high-definition visual experiences 24 hours a day
- Suitable for indoor and outdoor large-venue projection, such as DICOM education, exhibitions, theme parks, cultural tourism displays, AV/VR, national defense displays, monitoring displays, large conferences, and more

Specifications

Description	HW8
Projector Type	WUXGA DLP
DLP Tech	0.67"DMD×1
Brightness	8,400 ANSI Lumen
Resolution	1920×1200
Aspect Ratio	16:10
Contrast	2,000,000:1
Uniformity	>90%
Laser Display	Speckle Free®
Lifespan	20,000/40,000hours (Standard Mode/Energy-saving Mode)
Adjustable Laser Light Output	Support
Lens	AP-HLB03: 0.3:1; AP-HLB05:0.5:1 ; AP-HLB06:0.6:1 ;AP-HLB07A: 0.75-0.95:1; AP-HLB07B: 0.7:1; AP-HLB07C:0.71-0.79; AP-HLB07D: 0.74-1.2:1; AP-HLB08: 0.8:1; AP-HLB09A: 0.95-1.23:1; AP-HLB12: 1.22-1.53:1; AP-HLB14: 1.4-2.5:1; AP-HLB15: 1.52-2.92:1; AP-HLB29: 2.9-5.5:1
Horizontal Lens Shift	-30% to +30%
Vertical Lens Shift	-100% to +100%
Input Signal Resolution	Up to 330MHz
HDMI IN	×2
HDBaseT	×1
3D Sync	×2 (In/Out)
Audio Out	×1
RS232	×1
Remote In	×1
RJ45	×1
USB-A POWER OUT (5V 0.5A)	×1
12V OUT	×1
Input Voltage	100-240V (+/- 10%)
Input Frequency	50-60Hz
Power 240 VAC	450W
Standby240 VAC	<0.5W
Noise dB	30dB
Light Engine	Sealed
720 Degree Installation	Support
3D	Support
Storage Temp	-10-60°C
Operating Temp	0-40°C
Dimension (L×W×H)	486mm×393mm×186mm
Weight	13KG