



LASER PROJECTOR AVP-1020

DATASHEET



OVERVIEW

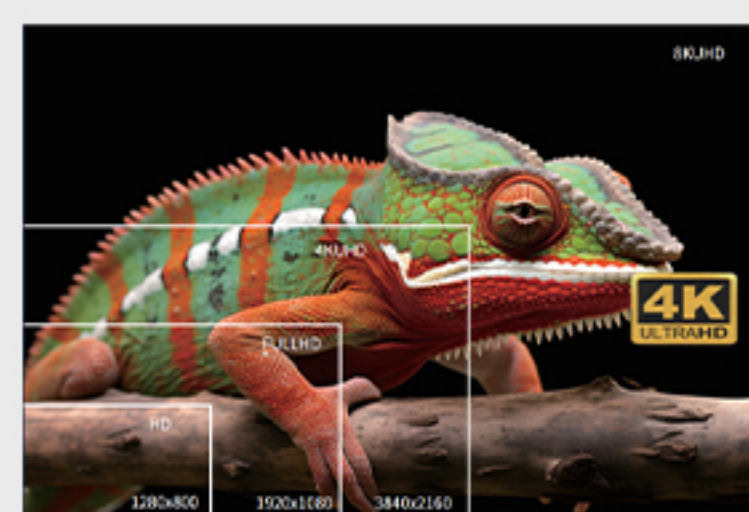


10,500 lumens, WUXGA, DLP laser phosphor projector

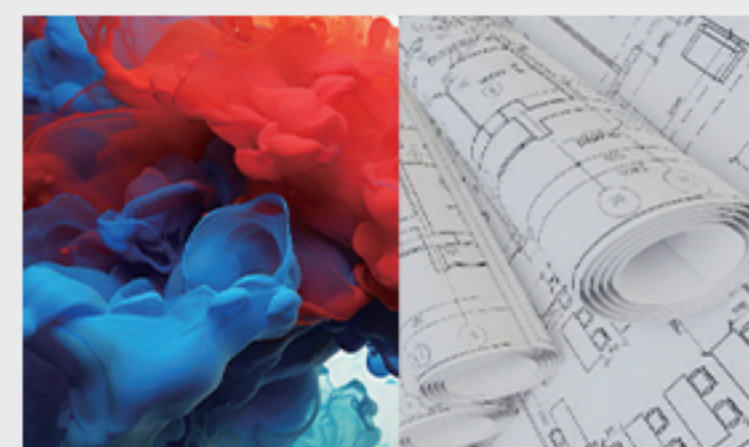
- ◎ Smallest and lightest projector in its category.
- ◎ Pure laser light source design with a lifespan of up to 20,000 hours.
- ◎ Consistent image quality over time.
- ◎ Full range of interchangeable lenses (with widest lens shift).
- ◎ Guaranteed service and support.



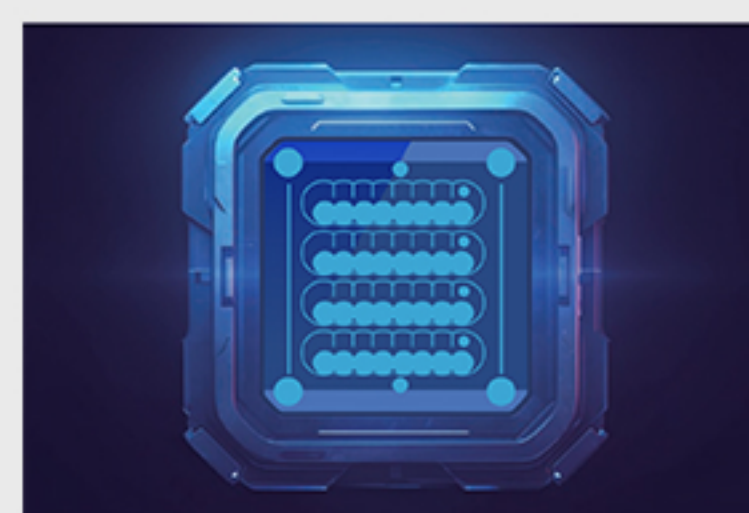
PRODUCT FEATURES



The maximum resolution supports 4096x2160, and it also supports HDR and dynamic contrast. The range configuration supports 4 HDR display modes. This not only ensures the brightness output but also maintains the image quality.



The high-speed reflective feature of DMD micromirrors enables DLP display technology to stand out, delivering bright and colorful images as well as clear text content consistently and stably.



Uses MCL laser diode modules (individual laser failure won't cause blackouts), plus 30,000-hour long-life lasers, sealed dust-proof optics, and filter-free maintenance-free design. It enables 7x24 operation with low maintenance costs and high reliability.



P-Series projectors use advanced DLP® tech, with full-series large DMD chips (0.65-inch array); these high-cost chips offer better thermal stability and light efficiency.



Color calibration is completed before leaving the factory, aiming to solve the problem of inconsistent color performance in multi-machine splicing and fusion application scenarios. The color delta value (ΔE) is maintained at < 0.005 .



The HSG Color Management System can independently adjust the R/G/B/C/Y/M/W color components to modify the color performance of the displayed image, and achieve the desired color output by adjusting the color values.

SPECIFICATIONS

AVP-1020

Main Parameters	Projection System	DLP® Chip x 1/DLP Projection System
	Chip Size	0.67"DMD
	Resolution	1,920x1,200 compatible 4K
	Center brightness	10700lm
	Standard brightness	10500lm
	Uniformity	90%
	Contrast	3,000,000:1
	Picture scale	16:10 compatible with 16:9/16:6/2.35:1/4:3/LBX
Light Source	Type	MCL
	Lifetime	20,000(Standard Mode)/30,000(Eco Mode)
Lenses	Optional Lenses	0.55:1/0.65-0.75:1/0.7-1.2:1/1.2-1.5:1/1.52-2.92:1/2.90-5.50:1
	Image Shift	V: +/-110%/H:+/-50%
	Operation Mode	Electric Focus/Zoom/Shift
Image Calibration		H: +/- 30 / V: +/- 40
Color Calibration		HSG Color Management System
3D		Active 3D
Installation		Horizontal/Vertical 720°Installation
Speaker		10Wx1
Input		HDMI x 2; HDBaseT x 1; 3D-Sync x 1 ; Audio x 1; Wired IR x 1; RJ45 x 1; RS232 x 1
Output		3D-Sync x 1; USB-A x 1; 12V flip-flop x 1
Power Supply		100-240V AC±10% 50/60Hz
Power Consumption		505W+/-15%
Size		486mm (W) ×376mm (D) ×181mm (H)
Net Weight		Approximately 12kg
Noise		36dB(Standard) / 27dB(Eco)
Working Environment	Altitude	0-2,500m(switch to high altitude mode when altitude over 1,500m)
	Temperature	0-40°C
	Humidity	10%-85%, no condensation

BUY IT WITH

Upgrade your solution with:

Avocor projector



3 year warranty



Optional lens



Lens is cleanable

Details are subject to change without notice. All other logos and trademarks acknowledged.

