



LASER PROJECTOR AVP-2020

DATASHEET



OVERVIEW

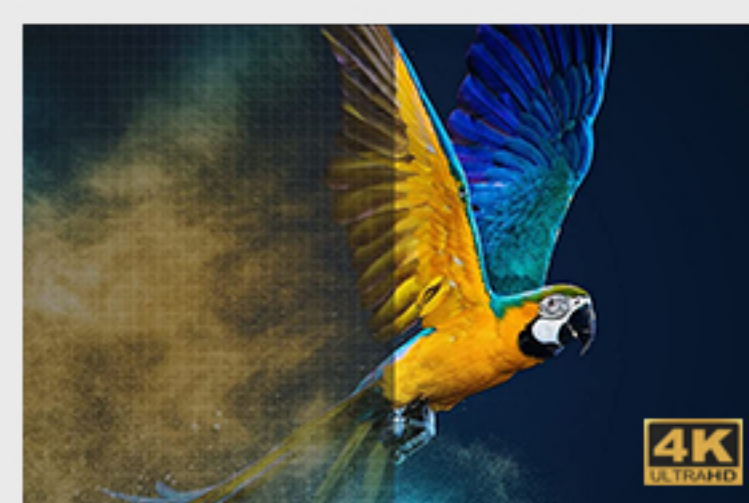


20,000 lumens, WUXGA, DLP laser phosphor projector

- © Single-chip high-brightness projections.
- © Up-to-date input capabilities & future-proof design.
- © Full operational flexibility through wide lens range.



PRODUCT FEATURES



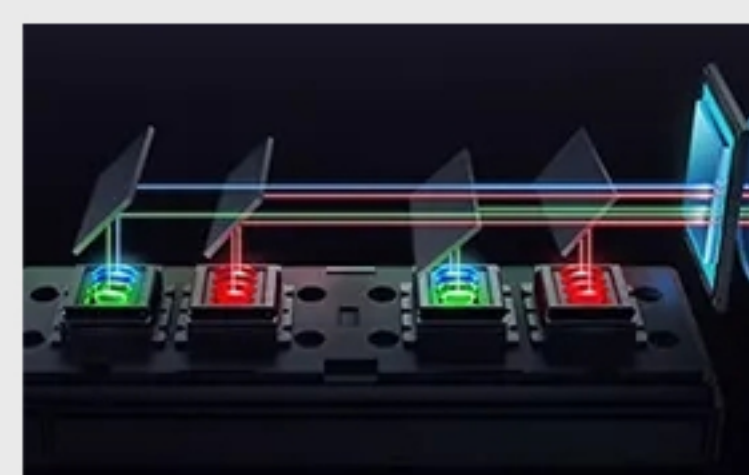
The resolution of the original display screen can reach 1920×1200 at 120Hz with a wide frame. It is compatible with 4K resolution signal input, supporting a maximum format of 4096×2160 at 60Hz, and features dynamic image decoding to present the display screen perfectly.



The DLP image chip boasts powerful processing capability. It can detect different objects in the image, conduct intelligent analysis and processing on their brightness, details and colors, and bring you an immersive image quality experience.



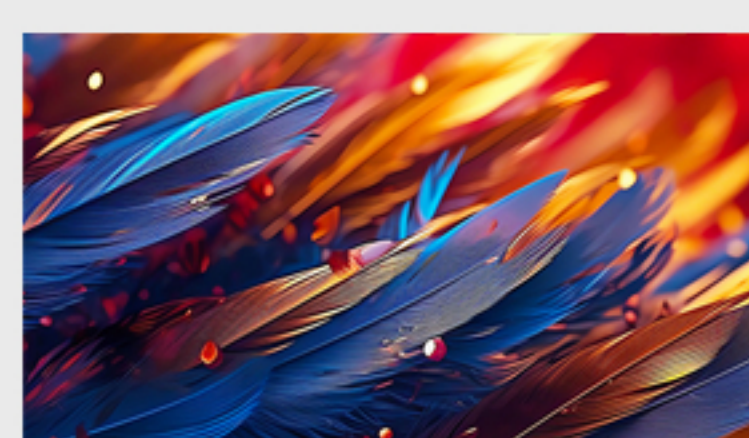
The light source itself has an operating life of 20,000 hours, and the MCL light source design ensures more stable operation. The high-efficiency laser light source combined with DLP display technology delivers images with extraordinary brightness and high contrast.



To address the issue of inconsistent colors after splicing and merging multiple units, the color uniformity can be optimized by adjusting the color management system. Adjust the hue, saturation and gain of R/G/B, as well as the R-G-B ratio of W, to modify the color performance of a specific color in the image.



For HDMI 1.4, the 4K rate is limited to 30 frames per second, while HDMI 2.0 enables smooth playback of 4K videos at 50 and 60 frames per second. This projector supports both HDMI 1.4 and HDMI 2.0 signal transmission.



When high dynamic range (HDR) images or videos are transmitted through the HDMI 2.0 port, both the darker and brighter areas can retain a high level of detail, restoring the true image quality.

SPECIFICATIONS

AVP-2020

Main Parameters	Projection System	DLP® Chip x 1/DLP Projection System
	Chip Size	0.96"DMD
	Resolution	1,920x1,200 compatible 4K
	Center brightness	21000lm
	Standard brightness	20000lm
	Uniformity	90%
	Contrast	1,800:1 static contrast ratio; 100,000:1 dynamic contrast ratio; 3,000,000:1 extreme black contrast ratio
	Picture scale	16:10 compatible with 16:9/4:3
Light Source	Type	MCL
	Lifetime	20,000(Standard Mode)/25,000(Eco Mode)
Lenses	Optional Lenses	0.65-0.75:1/0.84-1.02:1/1.02-1.36:1/1.2-1.5:1/ 1.5-2.0:1/ 2.0-4.0:1/4.0-7.2:1
	Image Shift	/
	Operation Mode	Electric Focus/Zoom/Shift
Image Calibration		Support
Color Calibration		HSG Color Management System
3D		Active 3D
Installation		Horizontal/Vertical 360°Installation
Speaker		/
Input		DVI-Dx1；HDMI2.0x2；Display Port1.2x1；HDBaseTx1；3G-SDIx1；D-sub 15 pin x 1；3D-Sync In x1 ；Wired Remote x1 3.5mm；RJ45x1；RS232x1；USB-Ax1
Output		HDMI2.0 x1；3G-SDIx1；3D-Sync out x1；RS232x1；Wired Remote x1 3.5mm；12V Trigger
Power Supply		100-240V AC±10% 50/60Hz
Power Consumption		≥1000W
Size		650mm (W) ×710mm (D) ×251mm (H)
Net Weight		Approximately 54kg
Noise		42dB(Standard) / 38dB(Eco)
Working Environment	Altitude	0-2,500m(switch to high altitude mode when altitude over 1,500m)
	Temperature	0-50℃
	Humidity	10%-85%，no condensation

BUY IT WITH

Upgrade your solution with:

Avocor projector



3 year warranty



Optional lens



Lens is cleanable

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