

Dangbei Mars Pro, HDR10+, 4K, 3200 ANSI Lumens

Dangbei Mars Pro is the first flagship projector for overseas use. This article reviews it from several aspects to show you the uniqueness of this 4k projector.



New York City, New York Sep 14, 2022 ([Issuewire.com](https://www.issuewire.com)) - Projectors are used in a variety of ways and can be used in schools, offices, home theaters, and other such places that require a large screen experience. They are enjoyable but dazzling in their diversity of types. In the process of selecting a projector, the demand for clarity is the highest. This article will tell you what factors affect the clarity of a projector and recommend a stunning [home projector](#).

Brightness and Ambient Light Source

Brightness is the intensity of the light output from the projector product to the screen, and also the brightness of the projected image. In general, the higher the brightness of the projector, the brighter the image projected onto the screen of the same size, and the clearer the image will be.

However, the brightness of the image that the human eye can perceive depends not only on the brightness of the projector but also has a lot to do with the intensity of the ambient light and the size of the image. The stronger the ambient light, the darker the image perceived by the human eye. Therefore, users must choose the right brightness according to the environmental conditions of their projectors.

In general, the higher the brightness, the higher the price of the projector, while the human eye perceives the brightness of the image will have a certain range, more than this range, the human eye will

feel discomfort, especially for a long time to watch the image of too high brightness will make the human eye fatigue, and cause some damage.

[Dangbei Mars Pro](#) is a new flagship projector with **3200 ANSI lumens** and the price of this stunning projector is only **\$1699**. Compared to the competitors, this projector is truly reliable and affordable. What's more, Mars Pro is certified by **TÜV Rheinland and the US FDA and uses diffuse imaging technology**. You can have a comfortable and safe viewing experience by reducing blue light, diffuse imaging, and color control.

Resolution

The projection resolution is the original resolution of the image projected by the projector, also called the true resolution and physical resolution. Corresponding to the physical resolution is the compressed resolution, which determines the image's clarity and the projector's range of application. The greater the resolution, the greater the picture quality.

Today's home theater projectors adopt different fixed resolutions, including XGA (1024 x 768), WXGA (1280 x 800), HD (1920 x 1080), and, every once in a while, 4K (4096 x 2160).

More and more people are choosing 4k projectors to enjoy the ultimate home theater. And now many projectors have launched different styles of 4K projectors to meet the needs of users, including the [Dangbei Mars Pro](#). This 4K projector uses an **ALPD laser light source**, and the picture quality provided is not only straightforward but also sharp.

Picture Quality Tuning Technology.

To enhance the texture of the projector image quality, image quality tuning technology is essential. Nowadays, not only from HDR technology enhance the picture effect, but there is also the use of image quality enhancement technology to improve the visual sensation of the picture.

Among them, PurePic, AI Realistic Pro Image Engine, X-VUE, AI Picture Quality Enhancement Technology, and O-VISION are all technologies used by several famous projector brands to enhance picture quality. Dangbei Mars Pro adopts AI Realistic Pro Image Engine

The [Dangbei Mars Pro](#)'s **AI Realistic Pro Image Engine** plays a vital role in the overall performance of the screen repair, which can repair the screen in real-time through advanced AI technology, bringing a fresh sense of picture experience.

Processor

The processor chips currently used in projector products are roughly in the various models of the three brands MTK, Mstar, and Amlogic. The MTK9669, Mstar938/848, and Amlogic T972 are the most widely used. Among them, MTK's MT9669 is the most used processor solution in high-end projectors today.

The [Dangbei Mars Pro](#) uses the **MT9669 processor chip**, which is currently the highest configuration of processor chips for home projectors, with a quad-core Cortex-A73 architecture and a processor with NPU arithmetic power that can reach one trillion times per second, with powerful video processing and output capabilities.

In addition, the MT9669 processor is an SoC capable of upgrading the visual experience, supporting 120Hz MEMC motion compensation for smooth processing of some high frame rate motion pictures without lagging or tuning.

Conclusion

Here is some main superiority of Dangbei Mars Pro²

4K Resolution: True-to-life color, see every detail.

3200 ANSI Lumens: Brightest viewing experience, day or night, sunshine or cloudy.

ALPD Laser Source: Wider color gamut and faster warm-up and cool down.

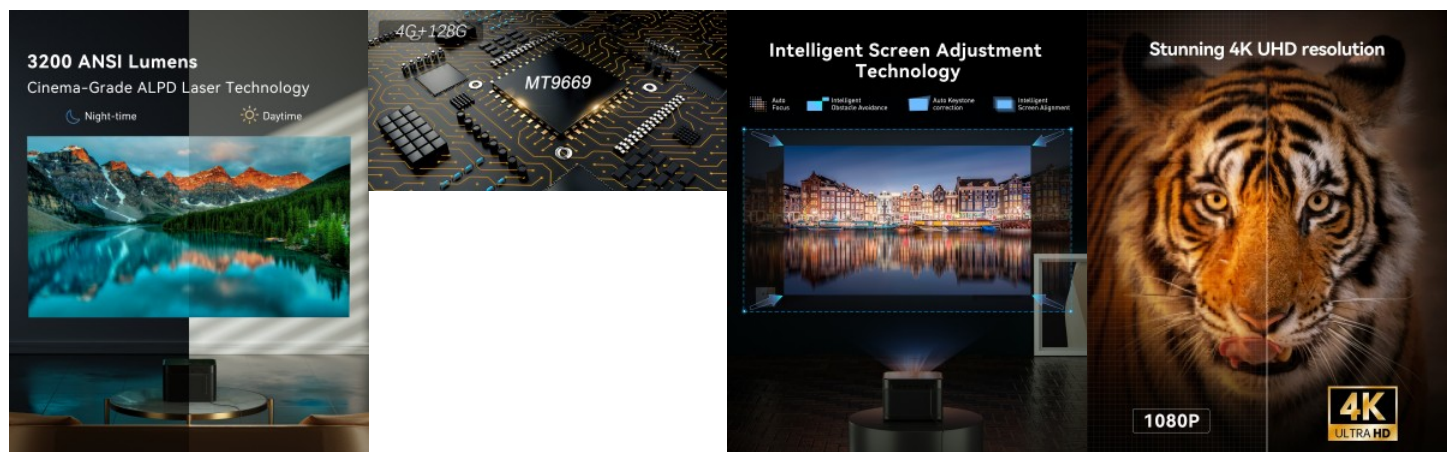
Smart AI: Automatically adapt brightness and realistic colors based on ambient conditions.

HDR10+(HIGH DYNAMIC RANGE) & HLG: Enjoy full of rich colors and detailed contrast.

MEMC(Motion Estimation, Motion Compensation): Meet an adaptive refresh rate up to 120Hz.

MT9669 Chips 4GB+128GB: Powerful performance and storage for all.

All in all, with its many distinct, futuristically innovative features and amazing memory space, the project is value for money in the existing market this year. With the Dangbei Mars Pro [4k home projector](#)'s amazing processor and UI features, it is available for \$1,699, which is a decent price for the market it is competing in with its many specs. But with the global shortage of chips, prices could rise anytime.



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