

Dangbei Mars Pro: a smart projector with 4k laser

This article will introduce the differences between smart and traditional projectors and review a decent smart 4k projector -- Dangbei Mars Pro.



New York City, New York Oct 11, 2022 ([Issuewire.com](https://www.issuewire.com)) - With the development of technology, more and more people are abandoning traditional projectors and going for smart projectors. However, many people still feel that traditional projectors are the best. The [smart projector](#) is the new product of the iteration of the traditional projector. They have a huge difference from traditional projectors in terms of design, light source, resolution, brightness, contrast, and other conveniences.

Read on to learn more about the content between smart projectors and traditional projectors.

Design

Traditional projectors have a huge form factor that is very large due to the problem of not being technologically advanced. They use lamps and vacuum tubes to display viewable pictures. And they do not have connection ports.

Whereas smart projectors as a whole are light and portable because they have a smaller form factor. Even many projectors can be carried anywhere because of their lightweight.

Light source

The main light source of the smart projector is LED light source and laser light source. Smart 4K projectors equipped with LED light sources incorporate the latest technology in DLP projectors and are called LED projectors. This type of projector uses red, green, and dual blue light sources to increase the saturation brightness of its display and also has a longer life span.

The [laser projector](#) has more advantages than any other type of projector. It is brighter than LED projectors and is now the projector of choice for most people (on a budget).

Traditional projectors use a lamp as the main light source. However, due to the short lifespan of the bulb, they can become dim and fuzzy over time with use. If you choose a traditional projector, you will have to rely on bulbs manufactured specifically for them, which can incur a huge additional repair bill. On top of that, because a lamp projector gives off a lot of heat, it produces more fan noise than other types of projectors.

Picture quality

All projectors essentially work on the same principle, by shining an image through a light source and then projecting it onto a white wall or screen. The biggest difference between a smart projector and a traditional projector is the efficiency and capability of each [projector](#). Traditional projectors produce white light and eschew other colors, leaving red, green, and blue. This is an inefficient way to create the colors you see on the screen. Laser projectors are known to produce better image quality and the resulting image will be much clearer and more realistic. They create only the exact colors that are needed, which incidentally reduces the use of electricity and energy. This increased efficiency means that laser projectors can become much brighter. What's more, laser projectors are also capable of producing more colors than traditional projectors

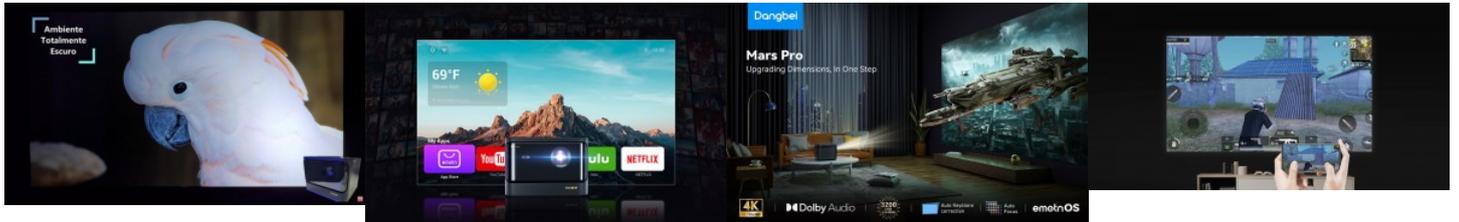
Other features

The smart projector integrates many advanced technologies. It allows many external devices, such as computers and cell phones, to connect wirelessly. But traditional projector connection must be wired and it does not support all wireless-connected devices.

In addition to that, smart projectors have many smart features such as autofocus, auto obstacle avoidance, auto keystone correction, and auto screen focus. All of these features need to be set up manually on a traditional projector.

Conclusion

There's no need to decide whether to buy a smart projector or a traditional projector, it all depends on your budget. If your budget is around \$500, then a traditional projector will be your best choice. Because a smart projector will cost at least \$1000. If you are on a budget, then a smart projector is the way to go. If you need to buy a smart projector, the [Dangbei Mars Pro](#) is a great choice. It has 3200 ANSI lumens, uses ALDP's laser light source technology, and has all of the smart features mentioned above. For only \$1699 you get a great projector at a great price. But it all depends on what you actually want.



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