

The difference between DVD player and Blu-ray player



To enjoy your DVD and Blu-ray collections usually you will need a DVD or Blu-ray player. The obvious difference between a DVD player and a Blu-ray player is the laser technology which used to record and play back the data. There are also other differences between them, including storage capacity, image resolution and player compatibility.

Storage Capacity

Single DVD player can store about 4.7 GB of data. Dual DVD player can store twice the amount of data at 8.7 GB.

Single Blu-ray player store approximately 25 GB of data. Double Blu-ray player can hold about 50 GB.

Laser Technology

DVD players use a red laser at 650nm wave length to read DVD discs.

Blu-ray players use a blue laser to read the stored information. The wave length is 405nm. This allows for closer and more precise reading of information stored on the disc.

Image Resolution

Almost all DVD players have a standard definition resolution of 480 or enhanced definition resolution of 520.

Blu-ray players are designed for high-definition(HD) display, offering the best 1080p picture quality available. Some of them can display Ultra High Definition (4K) .

Player Compatibility

A basic DVD can be played on both DVD players and Blu-ray players. However, Blu-ray disc can be only played on Blu-ray players, because the red laser used in DVD players is too large to read the tiny grooves in a Blu-ray disc.

People's needs are varied, and we can see the benefits of each. So it may difficult to choose one. [Pumpkin](#) stocks both DVD players and Blu-ray players. You can take a look at.