

# 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.