

Makemkv

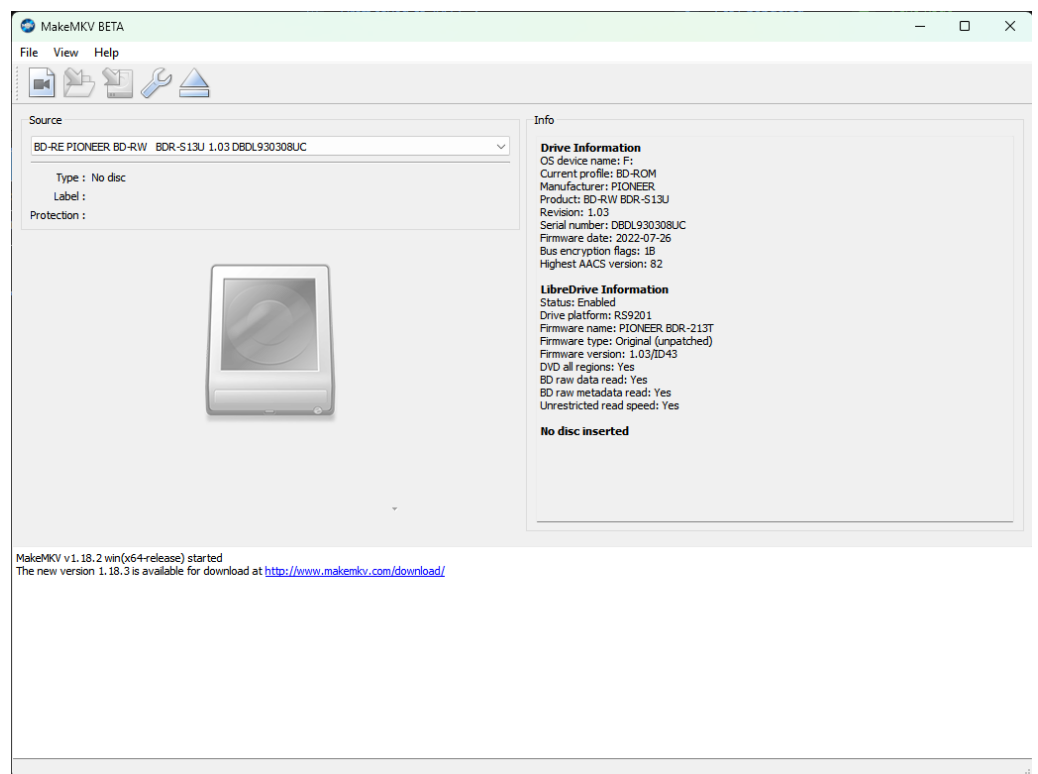
Software:	Makemkv		
Why\Problem Solved:	Making an exact copy of physical DVD, Blurays or 4k Blurays (UHD)		
Cost:	Free For Beta \ \$60 Lifetime	Link:	https://www.makemkv.com/buy/

Tips\Screenshot:

- Makemkv has been in a state of perpetual beta that requires you to download a fresh copy on a set schedule. If you want to support the software and eliminate the expiring beta copies you can purchase it.
- Makemkv does support backing up 4k Bluray discs but does require specific drives and firmware combinations. Specific info, how to guides etc can be found in the [Makemkv forum here](#).
- Makemkv relies on a database of key files in order to backup 4k UHD discs. If you are processing a brand new title I have found it helpful to manually download a new database of available keys manually. (Makemkv normally does this in the background automatically).

The following simple powershell script forces a manual download \ update.)
This solves most of my issues with new titles.

```
$sourceUrl = "http://fvonline-  
db.bplaced.net/fv_download.php?lang=eng"  
  
# Edit destination path to make the location of your MakeMKV Install  
$destinationPath = "C:\Users\username\.MakeMKV\keydb_eng.zip"  
  
# Download the file and overwrite if it already exists  
Invoke-WebRequest -Uri $sourceUrl -OutFile $destinationPath -  
UseBasicParsing
```



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