

# Burning Home Videos



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# What's on Hand

- Approx 800 clips at 1920 x 1080 pixels
- Video Editing Prog, Pinnacle Studio 15
- DVD Burner
- Computer Monitor 1680 x 1050
- HD TV 1920 x 1080p
- Blue Ray player for TV

# Default – Burn DVD

- DVD resolution 720 x576 with compression by Pinnacle
- Only average result when played on Computer.
- Reasonable when played on Blue Ray/TV – the TV has some “smarts” to improve quality.
- Kelvin’s presentations on compression formats prompted me to look at better solutions

# Option 1 – AVI file.

- From Pinnacle construct an AVI file to the Hard Drive.
- Excellent quality for the computer, useless for the TV Blue Ray
- Huge file, about 200GB, not practicable.

## Option 2 – MPEG 4

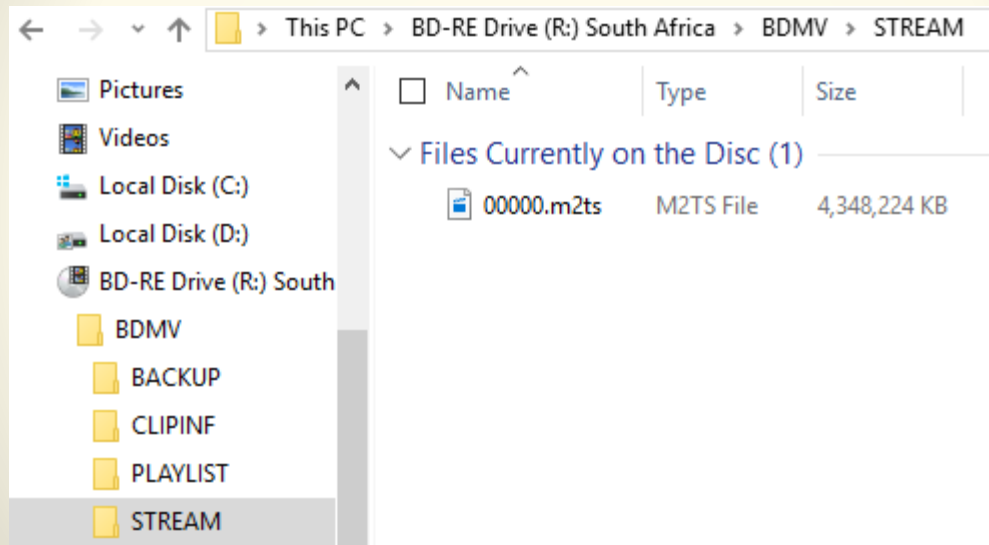
- File filled the DVD – 4.5GB
- Better result for the Computer but will not play on the Blue Ray/TV.

## Option 3 - AVCHD

- Use the Pinnacle “Create Disk” function.
- Pinnacle asks you to create a “Folder” and then writes the necessary files to this folder.
- The files are then burnt to the DVD in Blue Ray Format on the standard DVD disk.
- The results are excellent and take full advantage of the original high definition camera recording and TV abilities.
- Problem: need to make 2 disks as full video will not fit.

# Blue Ray Playback on Computer

- With no Blue Ray burner/player on the PC open the “.mts” file in the “STREAM” folder.



- You can download a “Films & TV” app (Win 10) to play .m2ts files on Blue Ray disks.

## Option 4 – Buy Blue Ray Burner & Disks

- Pinnacle Studio 15 can burn Blue Ray disks but only with Mpeg 2 format. (No Mpeg 4 )
- Will not burn to Blue Ray disks using AVCHD. (DVD disks only).
- Good result with BLUE RAY (Mpeg 2) playing on PC & TV.



# Conclusion

- To distribute copies to friends use standard DVD disks.
- If you have a Blue Ray burner, use Blue Ray disks for home use.
- If you only have a DVD burner, use AVCHD format (Blue Ray) on standard DVD's to take advantage of your high resolution original clips. ( multiple disks may be necessary requiring additional video editing)