

Technical Config

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Camera Settings

Please match the following settings in your camera when filming:

Colour Processing	S-Log (should look washed-out before grading)
Frame Rate	25fps
Resolution	1920x1080

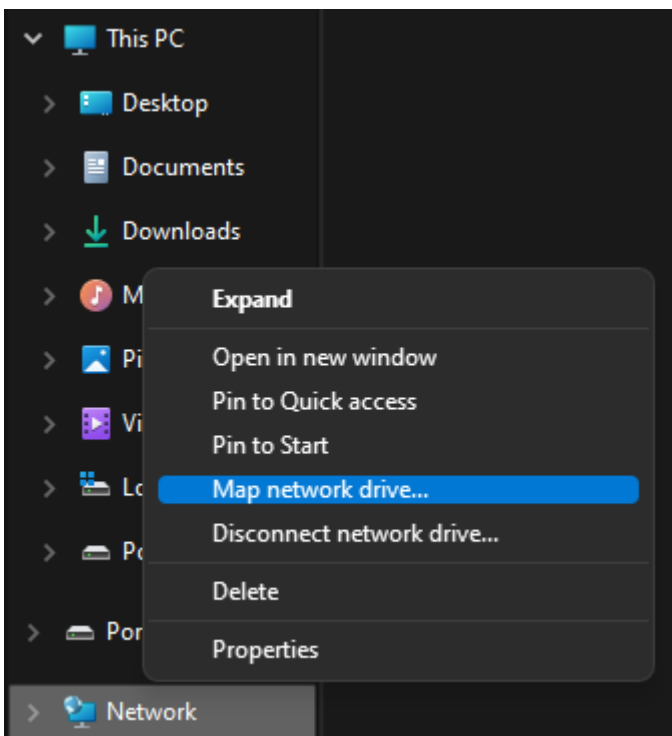
- We are shooting in a log colour profile which means we'll need to colour grade at the end. S-LOG makes it easier to edit the colours but it looks terrible straight off the camera. Worst case this can be done quickly using a LUT
- We are going to recording at 1080p, not 4K, primarily to reduce strain on both the NAS's and our editing computers. The larger resolutions do look better, but are pretty unwieldy for a 48h timeline.

Collaborative NAS

To make working together in such a large team possible, we use a NAS to share files and resources. To connect to this NAS you need to use SMB to mount the drive on your computer.

Windows SMB Connection

In file explorer, right click "Network" in the sidebar, then click "Map network drive".



Now enter in the server SMB uri "\\192.168.69.20\\main", the drive letter doesn't matter, select "Connect using different credentials".

Map Network Drive

What network folder would you like to map?

Specify the drive letter for the connection and the folder that you want to connect to:

Drive: Z:

Folder: \\192.168.69.20\main

Browse...

Example: \\server\share

☒ Reconnect at sign-in

☒ Connect using different credentials

[Connect to a website that you can use to store your documents and pictures.](#)

Finish

Cancel

Enter in these credentials

Username	quser
Password	noquestions

Windows Security

Enter network credentials

Enter your credentials to connect to: 192.168.69.20

quser

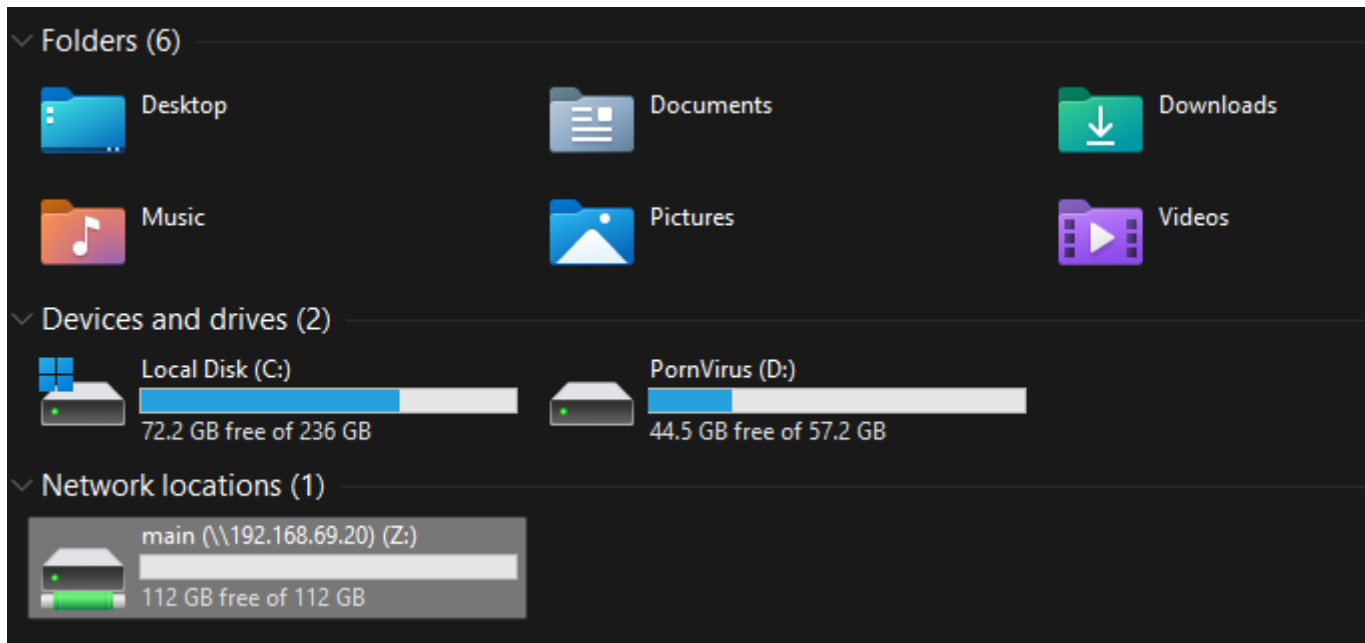
••••••••

☒ Remember my credentials

OK

Cancel

Done! You should now see the drive show up in file-explorer, and it should act like you have another drive plugged into your computer.



MacOS SMB Connection

1. From the Finder menu, click **Go**.
2. Click **Connect to Server** from Go's drop down menu.
3. Alternatively, you can also press **Command+K** to launch **Connect to Server**.
4. In the Server Address field, enter **smb://192.168.69.20/main**
5. To add the server to your Favorite Servers list, click the '+' button.
6. Click **Connect** to connect to the share.
7. When prompted, enter this username and password combo

Username	quser
Password	noquestions

8. Click **Connect** to connect to the server.
9. Voilà! Once the connection is made, the share you have access to will appear on your desktop

Disaster! Backup NAS

In the case of a catastrophic failure, we have hot-spare ready to go which should be a 1-1 copy of the primary server. This backup server is using hard-drives, making for a much less responsive editing experience, but it will work. It is a bi-directional sync, so if the primary server starts up again, all of the changes will sync back to it.

To connect to the backup server, complete the exact same steps as for the primary NAS, but replace the IP "192.168.69.20" with the backup NAS's IP "192.168.69.19".

Post-Production

Editing Tools

We're using the Adobe suite for editing. If you're helping with editing, make sure you have access to this! Premiere pro, Audition, and After Effects. It'll be useful to have a good grip on editing with Premiere before Friday. We can help you get these tools if you don't already have them.

Encoding Settings



Read here: <https://www.48hours.co.nz/city-info-1/film-submission/>

In summary, we should use:

- **Video Codec:** h.264
- **Audio Codec:** AAC-LC
- **File extension:** mp4
- **Framerate:** 25fps
- **Resolution:** 1920 x 1080 (HD)
- **Aspect Ratio:** 16:9
- **Pixel Aspect Ratio:** 1.0 (Square Pixels)
- **Field Order:** Progressive playback
- **Video Format:** 'PAL' (for those shooting on analogue or webcam systems your entry must be output at 25fps (frames per second), and be set within a 16:9 frame.
- **Video Bitrate:** Variable bit rate encoding approximately 10 megabits per second.
 - 1920 x 1080: 10 megabits per second (i.e 10mb/s or 10000 kb/s)
- **Audio Bitrate:** 192 kb/s
- **Audio Sample Rate:** 48kHz (ie - 48,000 Hz)

Premiere and Media Encoder have this as a preset we can use -> H.264 and then use the Youtube 1080p preset.

Final Film Timeline

Section	Duration	Notes
Team Intro	Up to 20 seconds	Fully optional

Info Card	10 seconds	'Film' title, Team name, Genre, Ultra (if registered), City - template here
The 'Film' and Credits	Between 1 minute and 5 minutes	We need to be careful about the 5 minute limit here. Credits should include "Made as part of 48HOURS 2022".
Black video	5 seconds	

Where To Put Files When Importing

Where to put files when importing into the NAS

Notes for Sony a7 MkII:

File path is: D:\PRIVATE\AVCHD\BDMV\STREAM

Chicken Dead Film:

Importing video:

Open the NAS > Open main folder > Open 48Hours 2022 folder > Open Chicken Dead Folder > Open RAW Video folder > Make folder with good name> Place video in folder

Importing audio:

Open the NAS > Open main folder > Open 48Hours 2022 folder > Open Chicken Dead Folder > Open RAW Audio folder > Make folder with good name > Place audio in folder

Metal Grandma Film:

Importing video:

Open the NAS > Open main folder > Open 48Hours 2022 folder > Open Metal Grandma Folder > Open RAW Video folder > Make folder with good name > Place video in folder

Importing audio:

Open the NAS > Open main folder > Open 48Hours 2022 folder > Open Metal Grandma Folder > Open RAW Audio folder > Make folder with good name > Place audio in folder