

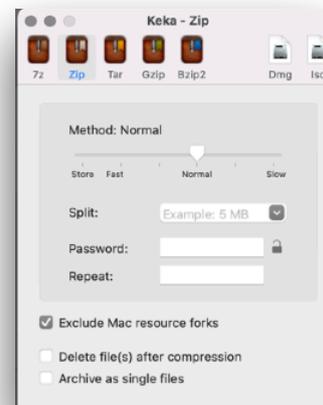
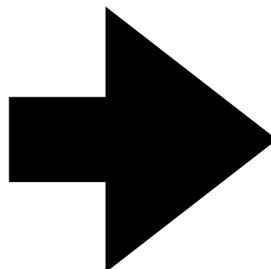
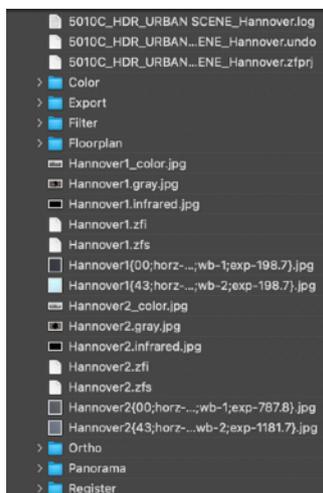
# ADVICE FOR IMPORTING Z+F PROJECTS

If you are processing your Laserscans in Z+F LaserControl, then we now have a direct importer for your projects. It also includes a feature to allow you to bring in any thermal data that replaces the intensity channel.



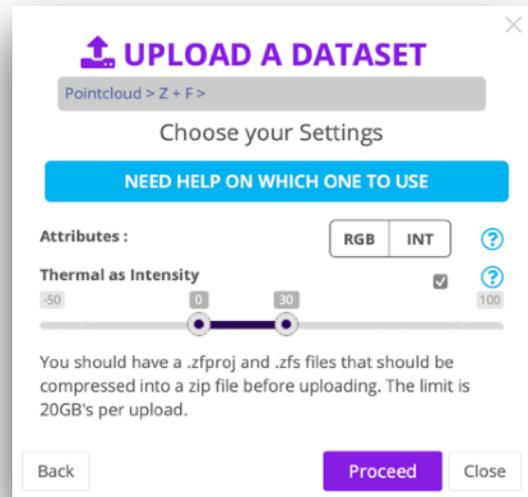
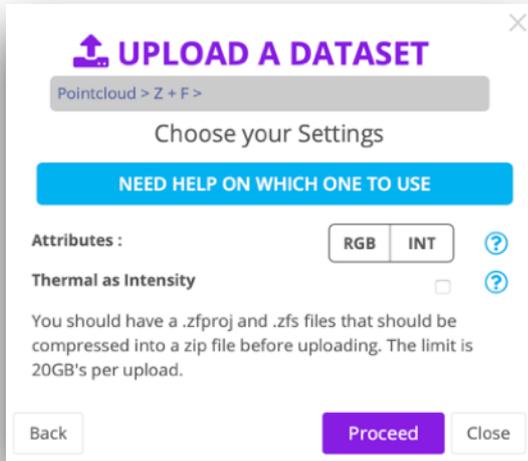
To prepare your data, follow these steps:

- (a) After saving your registered project, find the folder containing the zfpj file on your system and compress the folder into a **zip**. Make sure that the .zfpj file is in the root of the zip file. **Do not add a password** and on Mac systems we recommend **excluding the Mac resource forks**.

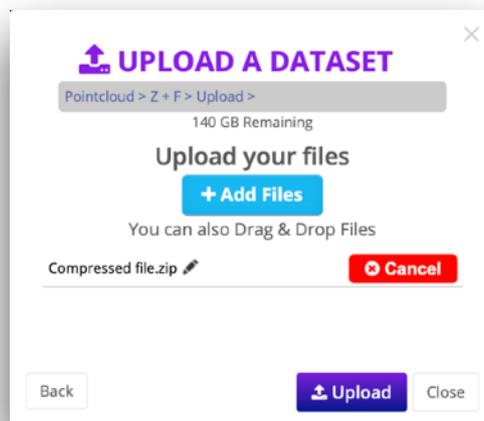


(b) In **3DUserNet VISION**, select upload on a project card, then **'POINTCLOUD'** -> **'Z+F'**. You should see the dialogue shown below.

Select the channels you wish to import (**RGB** or **INT**). If you wish to bring in thermal data, select **'Thermal as Intensity'** then choose the temperature range in degrees Celsius using the slider.

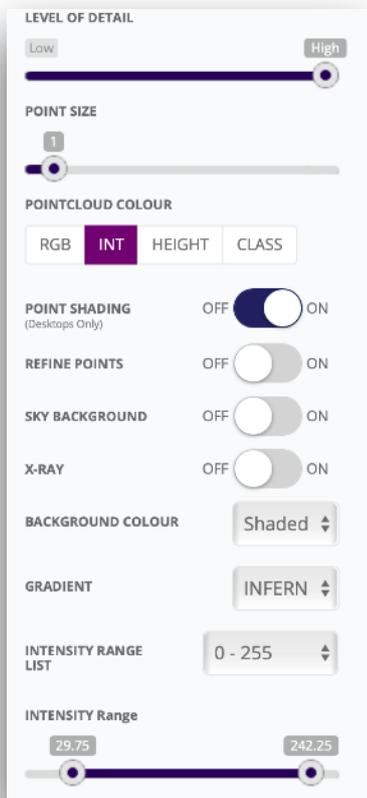


(c) select **'Proceed'** and upload the zip file you created earlier.



## Intensity Settings for Thermal Data

Once your data is converted you will receive an email with instructions on how to add it to a Task. If your data has thermal and you chose to load it, then please use the following settings in the 3D View to get the best output:



- Set Level of Detail to '**High**' to load the most points possible

- Set the Pointcloud Colour to '**INT**' and select '**POINT SHADING**' to show edges.

- Set Gradient to '**INFERNO**'

- Make sure Intensity range is **0-255**

- Tweak the Intensity range slider to best show your data

You should find that this gives a similar result to the image shown below.

