

Pix4D Tutorial (Software desktop)

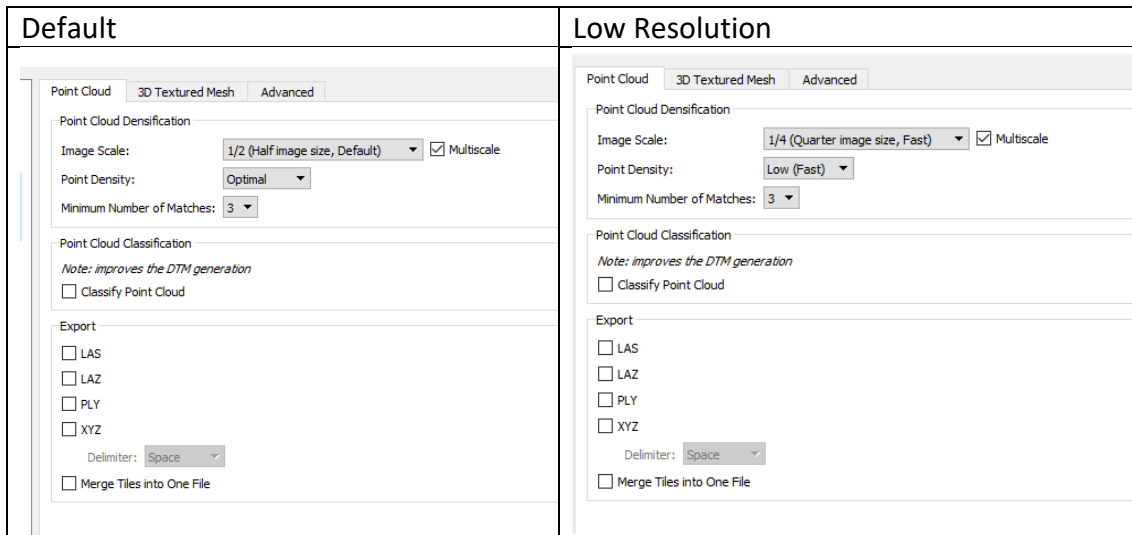
Jcatalão, 2 maio 2022

Versão 4.8.0 (supports windows 11)

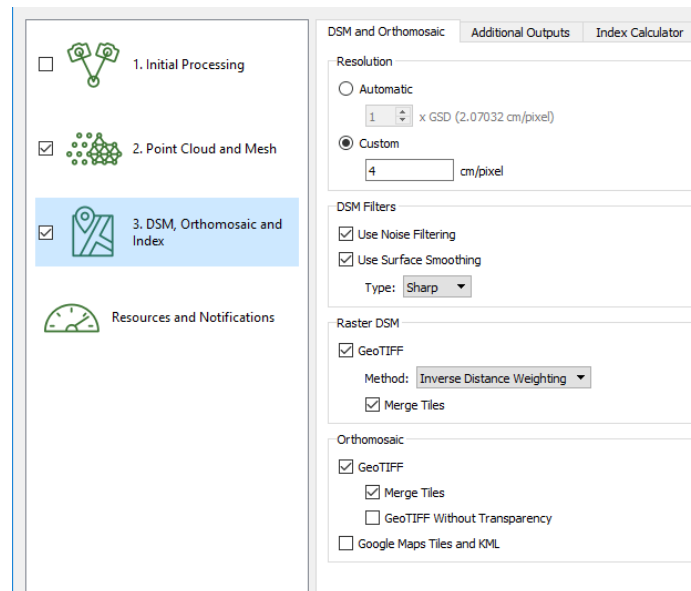
(Problemas: <https://community.pix4d.com/t/windows-11-issue-with-pix4dmapper-pix4dfields-pix4dsurvey-and-pix4dmatric/20960>)

1. New Project
2. Add images / Add directories
3. Camera Model (FC300x_3.6_4000x3000)
4. Select Output Coordinates
 - Advanced Coordinate Options
 - Known Coordinate System
 - From List > Datum ETRS89 CS: ETRS89/PortugalTM06
 - Vertical: MSL egm2008
5. Processing Options Template > 3D Maps
6. Processing Options> Advanced
 - a) Initial Processing > Calibration > Internal parameters Optimization > All Prior
 - b) Point Cloud & Mesh > Classify Point Cloud
7. Initial processing (sem PFs) (desativar as restantes etapas) : **START**

É realizada a triangulação área sem pontos fotogramétricos. Posteriormente são identificados os PFs nas imagens e recalculada a triangulação área
8. Analisar relatório de qualidade
9. Importar e identificar os PFS.
 - a) Project > GCP/MTP Manager > Import GCP
 - b) Basic Editor : Identificar os PFs nas imagens
10. Processing > Initial processing (com PFs)
11. Analisar os resultados, Identificar PFs mal marcados ou com coordenadas erradas e eliminar do processamento.
12. Point Cloud and Mesh >



10 DSM and Orto



11. Executar passo 2 (Point Cloud and Mesh) e 3 (DSM)
Desativar step 1. Initial Processing.