



## Technical Information

### Elevation1 Digital Surface Model

	1-m posting DEM	Orthomosaic (8 bits)
Method	Automatic stereo matching including auto-filtering of artefacts followed by enhanced editing. After editing tasks, all remaining voids are interpolated. Large voids over areas that are not flat are filled in with stereo data. Final visual quality check.	A pan-sharpened orthomosaic is also generated (geometrically seamless, but not radiometrically). The cutline between each image is automatic. No overall radiometric optimization. Final visual quality check.
Manual Editing Level	<ul style="list-style-type: none"> <li>x Detection of water bodies (sea, lake, large river) and DEM flattening</li> <li>x Removal of main artefacts (spike, hole)</li> <li>x Manual editing.</li> </ul>	
Source Data	Pléiades Stereo or Tristereor pair(s), Pansharpened, Primary, JPEG 2000 Regular	
Grid Spacing	1m	50cm
Absolute XY*	<ul style="list-style-type: none"> <li>x With GCPs: 1.5m CE90.</li> <li>x With Ref3D GCPs: (C):.73.208 re W 50m2/TT2 1 Tf -0.015 x**.C BT /LBody &lt;&lt;3.5-CE90**.</li> </ul>	90**.
Accuracy		
Relative	<ul style="list-style-type: none"> <li>x XY: 1.5m CE90.</li> <li>x Z: 1.5m LE90**.</li> </ul>	x 1.5m CE90
Format	AsciiGrid or GeoTIFF.	GeoTIFF
Projection	Geo WGS84 or UTM / WGS84 (custom projection on request).	
Vertical Unit	Metres	
Vertical Reference	Elevations above mean sea level (ref. = EGM96).	

