

**Scanned Frame Images
(AMS, DMA, LMÍ & Hexagon)**

Fiducials

Image crop:
Affine 2D (AMS, DMA, LMÍ)
Thin Plane Spline (Hexagon KH-9)

Cropped frame
images

SIFT
(Tapioca)

Relative Orientation
(Tapas)

Absolute Orientation
(GCPBascule & Campari)

Dense Matching
(Malt)

PC Creation
(nuage2ply)

Orthomosaic Creation
(Tawny)

PointCloud

Orthomosaic

3D Tr.
Local -> ISN93

DEM interpolation
(point2dem)

DEM
(ISN93)

Orthomosaic
(ISN93)

Pushbroom images

ASTER

SPOT5

Pléiades

Dense Matching
(stereo)

SIFT & Orientation
(bundle_adjust)

Dense Matching
(stereo)

DEM interpolation
(point2dem)

Dense Matching
(stereo)

DEM interpolation
(point2dem)

Coarse
DEM

DEM interpolation
(point2dem)

Reprojection
(mapproject)

Dense Matching
(stereo)

DEM interpolation
(point2dem)

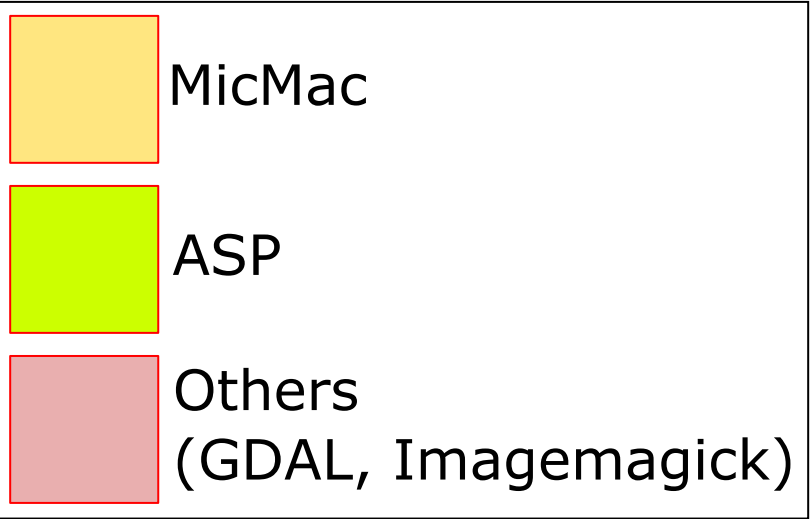
DEM &
Orthoimage

Lidar

Coregistration
(pc_align)

DEM
(ISN93)

Orthomosaic
(ISN93)



Lidar-based
GCPs

3D Tr.
ISN93 -> Local