

Geospatial Modeling & Visualization

A Method Store for Advanced Survey and Modeling Technologies

GMV Geophysics GPS Modeling Digital Photogrammetry 3D Scanning Equipment Data and Projects by Region

Control Point Documentation for Close-Range Photogrammetry and/or GPS

If external control is collected for the project, the table below describes the appropriate documentation for this process. Download a printable form in PDF format [here](#) or in a spreadsheet (.xlsx) format [here](#).

For each control point:



Entry	Description
Point ID	ID or name given to the point.
Source and datum (total station, GPS, etc. and WGS84, UTM, LRF)	Identify the source for control point collection and the datum used during data collection.
xyz coordinates	List the three-dimensional coordinates for each control point.
xyz covariance matrix or estimated error	Provide full correlation if available (from survey adjustment or GPS baseline solution), otherwise provide estimated standard deviation or variance of each coordinate.
Textual description of location	Provided a textual description for the location of each control point.
Image name with control point location indicated	Name of image with the control point location clearly indicated.
Geometric constraints on reference features or control	List any known geometric constraints for reference features or control.
Coordinate System	Name of coordinate system, datum and projection.



You are reading the series: [Close Range Photogrammetry Documentation](#)
[Project Level Documentation for Close-Range Photogrammetry](#)
[Control Point Documentation for Close-Range Photogrammetry and/or GPS](#)
[Camera Calibration Documentation for Close-Range Photogrammetry](#)
[Image Acquisition Documentation for Close-Range Photogrammetry](#)
[Image Processing and Block Triangulation Documentation for Close-Range Photogrammetry](#)
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