

UAV DATA Processing.com
is a leading **UAV DATA PROCESSING**
company in India



UAVDATAPROCESSING.COM (a division of GeoShot Technologies) having a decade of experience in the professional surveying industry, now specialising in UAV data processing and delivers high quality true ortho photo, Contours / DEM / DTM / DSM and city-wide 3d model to use for a range of urban planning, commercial, utilities, environmental, agriculture and governance requirements. Post processing is performed using very powerful workstations to handle the massive size of the datasets acquired.

We strive for customer satisfaction. You express, we deliver!

GeoShot Technologies

SF - 30, Omaxe Celebration Mall
Sec 48, Near Subhash Chowk
Sohna Road, Gurgaon
+91 124 4222993/ 4222654
Haryana, Delhi NCR, India - 122001

info@uavdataprocessing.com
www.uavdataprocessing.com



UAV DATA PROCESSING





OUR UAV DATA PROCESSING SERVICES

- UAV Data Acquisition
- Ortho Rectification
- Data modeling – DEM / DTM / DSM
- 2D/3D Feature Extraction
- 3D Video Production
- UAV Photogrammetry Mapping

REQUIRED INPUTS FOR PROCESSING

- UAV photos
- Flight log
- GCP coordinates
- GCP location
- Specification

DATA MODELING

DEM (Digital Elevation Model)

DEM files contain the elevation of the terrain over a specified area, usually at a fixed grid interval over the “Bare Earth”.

DTM (Digital Terrain Model)

DTM (Digital Terrain model) can be described as a three dimensional representation of a terrain surface consisting of X, Y, Z coordinates stored in digital form and It includes not only heights and elevations but other geographical elements and natural features such as rivers, ridge lines, etc.

DSM (Digital Surface Model)

DSM (Digital Surface Model) represents the MSL elevations of the reflective surfaces of trees, buildings, and other features elevated above the “Bare Earth”