



3 D Monitor and Glasses Hardware Specifications

TIPS has new 3D viewing equipment for processing satellite imagery. The three dimensional viewing system includes a 1080p high definition LCD monitor, with a NVIDIA video card, or graphics board with 3D capability, and an infrared emitter with 3D viewing glasses.



Aldo Plascencia, TIPS Remote Sensing Specialist is processing data with using the 3D monitor and glasses.

This 3D display system is used to increase the accuracy of elevation data derived from satellite imagery. When satellite imagery is collected in stereo pairs (two different view angles of the same area) it is possible to extract a digital elevation model (DEM) and other terrain data. In addition to outputting more accurate terrain data, this 3D equipment is of great value to TIPS as it can be used as a virtual inspection tool.

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