

Trimble VX Spatial Station

Trimble has introduced the VX Spatial Station, a positioning system that combines optical, 3D scanning and video capabilities to measure objects in 3D to produce 2D and 3D data sets for spatial imaging projects. The Trimble VX Spatial Station enables users to blend accurate ground-based information with airborne data to provide comprehensive datasets for use in the geospatial information industry.

With recent advances in the geospatial information industry, more opportunities and applications for spatial imaging data are being identified for industries such as transport and civil engineering, utilities and communications, natural resources management, government and military. Many of these applications use airborne information, but would also benefit from ground-based positioning and imaging. A ground-based sensor like the Trimble VX Spatial Station is a solution that delivers millimeter positioning accuracy, 3D measurements and video imaging in one package.

The Trimble VX Spatial Station includes Trimble MagDrive servos, which spin the instrument with speed and agility (more than 100 degrees per second) to provide ultra-smooth control for precision pointing.

<https://www.hydro-international.com/content/news/trimble-vx-spatial-station-3>
