


How to Navigate and Utilize TruView


Startup:

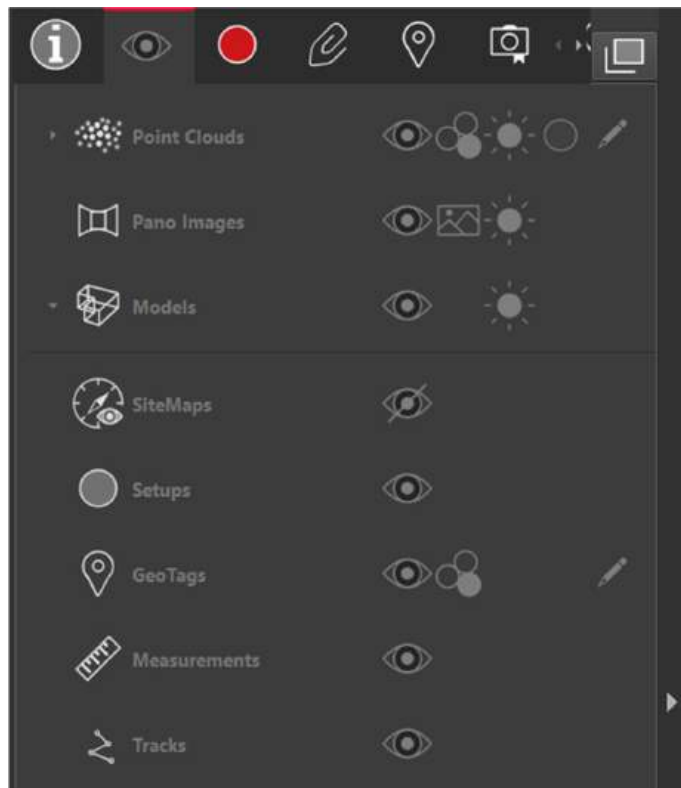
- Click the open file folder in the top left to open any .lgsx TruView files
- This will bring a top-down view of the data gathered, known as the SiteMap
-  This icon in the top left of the SiteMap will bring up the 3D view of the site


Navigation:

- Holding left click enables Orbit, allowing one to rotate the site in three dimensions
- Holding right click enables one to slide the site in two dimensions
- Mouse scroll wheel zooms the site in and out
- Setups marked with a red dot can be double clicked to view a panoramic view of the scan done from the respective spot


Visibility:

-  This icon on the left brings up a tab on the right side;

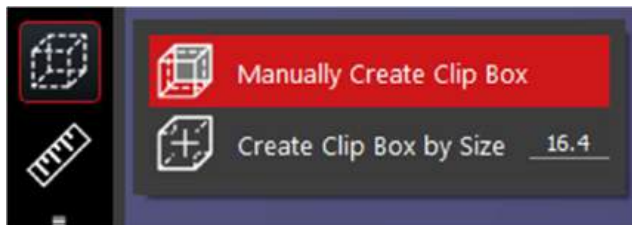


-  This icon to the right of the “point clouds” tab will drop down a menu that can change the view of the data by:
 - True scanner color
 - Intensity/Hue
 - Greyscale
 - Classification (material/object identification), and
 - Elevation

Measure:

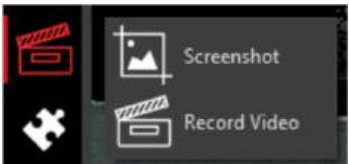
-  This icon on the left will allow one to take measurements in three dimensions, including:
 - Angle
 - Area
 - Point-to-Point Distance
 - Temperature
 - Point Info (most useful for elevation or “Z” measurement), and
 - Pipe Diameter

Create Clip Box:



- This icon on the left will allow one to create an isolated box that will contain whatever points of data exclusively within.
- Left clicking any face of the box will allow for extensions or shortening of the face chosen
- Holding Shift and clicking will allow for the face behind the surface face to be adjusted
- Holding Alt and clicking will allow for rotation of the entire clip box

Capture:

-  This icon drops down a menu that allows you to take quick screenshots as well as record videos for map showcases. These options will only record the main viewing window.

- “Record Video” can be clicked to begin a recording, then clicked again to end the recording.



- Tip: using the Flythru feature in the navigation drop down allows for a slow, mouse-directed flyover of the map data in order to make a more cinematic video
 - Arrow key down to slow the speed
 - Arrow key up to speed up

Settings:



- This gear icon allows access to a few quality-of-life settings, including background color for contrasted viewing, and a conversion to imperial (US) units.

Help:



- This question mark icon will refer to the Leica website for any extended help with navigating the TruView software