

20 OCT 2016

Survey Pro 6.0 Windows 10 Tablet Support

Survey Pro v6.0 is now capable of supporting the Windows 10 desktop operating system. This opens the door for many different devices to run Survey Pro. However, not all devices implement Windows 10 in the same way, so please try before you buy.

On Windows 10, and specifically on Tablets running Windows 10, there are a few unique considerations that should be understood prior to using the software.

What OS version are supported?

Officially, Survey Pro supports Windows 10 Desktop or Pro versions. Windows 10 LE or Windows 10 Mobile are not supported.

Desktop Mode

Windows 10 on tablets has two different modes that affect how the interface reacts to touch versus mouse use. Counterintuitively, for Survey Pro to work properly, and for the custom software input panels (SIP) keyboards to work properly, Windows 10 must be set to “Desktop” mode rather than “Tablet” mode. If the OS is put into Tablet mode, only the built-in standard SIP will be available and it will cover up large portions of the Survey Pro interface. It will work, but it will not be optimal.

To put the Windows 10 tablet into Desktop mode, do the one of the following.

Swipe left from the far right side of the screen. This will open the settings panel called the Action Center.

Or

Tap the text bubble on the taskbar to open the Action Center

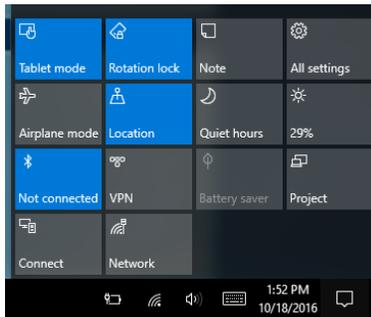


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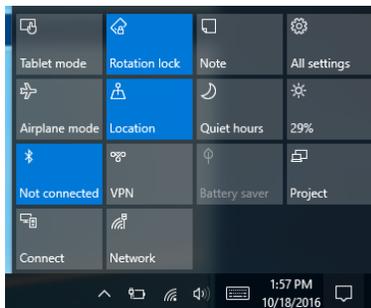
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There will be a button labeled “Tablet Mode”. If the button is colored blue (or the primary highlight color depending on the settings), then Tablet Mode is on.



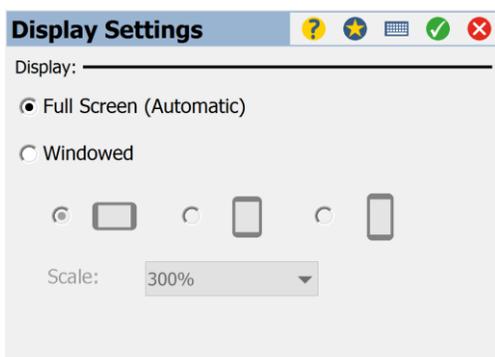
Tap the button. It will momentarily display the word “Off”, and then the button will change to a gray color. The tablet is now in Desktop mode.



Display Type and Orientation

Survey Pro has a new setting to control the display orientation of the software. Survey Pro will not dynamically switch back and forth between landscape and portrait modes like most tablet or smart device software. This is because surveyors are moving a lot and can cause the display to try and switch from one mode to another when that is not what is desired. So, Survey Pro locks one mode or the other to ensure a good experience.

Tap on File then Display Settings.



There are two main modes.

Full Screen sets the program to occupy the full tablet or PC screen. It will automatically determine the best resolution to use.

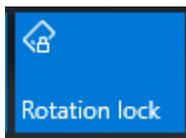
Windowed mode creates a window that is not the full screen size.

For the Windowed mode, there are three orientation setting: Landscape, Portrait, and Tall Portrait. The “Tall Portrait” mode is similar to resolutions used in wide screen devices.

The Scale setting will set how big the window displays. 100% will display the standard VGA size that is typical for current Spectra Precision data collectors like the Ranger 3. The setting can go as high as 400% to make the window fairly large. This setting is very useful when running Survey Pro on a full PC or laptop. The 100% setting will be very small on high-resolution monitors or tablets.

Screen Orientation

The actual screen orientation is controlled by Windows 10. In the Action Center, there is a button called “Rotation Lock”. Tap that button to either lock rotation or to release it. To lock the rotation in the Landscape mode, first unlock the rotation setting, turn the tablet to view it in landscape mode, then lock the rotation lock. This will lock the display in landscape mode. The same method works to lock the display in portrait mode.



Regardless of the rotation lock setting, Survey Pro will launch in the mode based on what the current tablet rotation is. So if your rotation lock is not locked, and you start Survey Pro while holding the tablet in a landscape orientation, Survey Pro will always display using landscape orientation. If you minimize Survey Pro, the tablet will use whatever orientation that you select by tilting the device depending on the rotation lock setting.

Switching Users

Windows 10 supports multiple user logins so that multiple people can have unique logins and passwords. Survey Pro is not designed for a multi-user environment. This means that if you wish to change the current user for the tablet, you must first shut Survey Pro down, then switch users. If Survey Pro is not first shut down, then the computer will need to be reset prior to using Survey Pro.

Default Folder

In order for all users of a device to have access to Survey Pro and Survey Pro data, the default file folder for Survey Pro is created for the “public” user on Windows 10. The path to this folder is shown below.

C:\Users\public\Documents\Survey Pro Jobs

