Widgets

Widgets are small (often semi-transparent) movable panels of additional information that can be displayed on the main Machine Guidance map. You can position these widgets by holding down on them and dragging.

Displaying Widgets

Tap the widgets icon to display the entire list of available widgets.

Moving and Resizing Widgets

At the top right of most widgets, you will see an icon that is used to minimize or maximize the widget

You can hold down on a widget and drag it to the required location on the screen. If the widget turns red, it means there is not enough room to drop it at that location (due to an overlap with another widget). If this happens, try displaying less widgets.

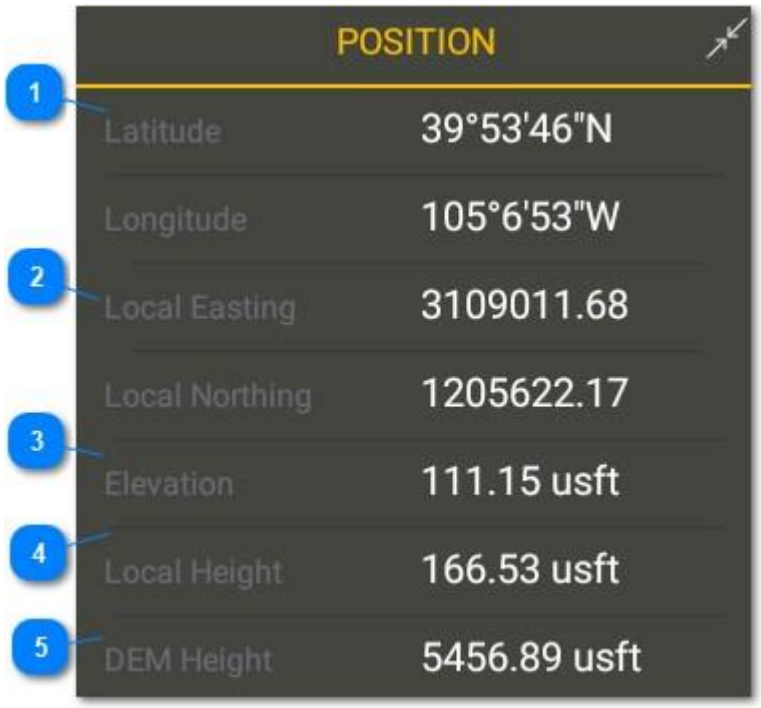
Commonly Used Widgets

Select the boxes of all widgets you want displayed and tap **Done**:

☐ Position	Displays information concerning the current position
☐ GNSS Quality	Displays information concerning the quality of the GNSS
☐ Cloud Sync Status	Displays GuidEx Connect cloud sync status
☐ Pitch Roll Heading	If using an IMU, displays machine pitch roll heading

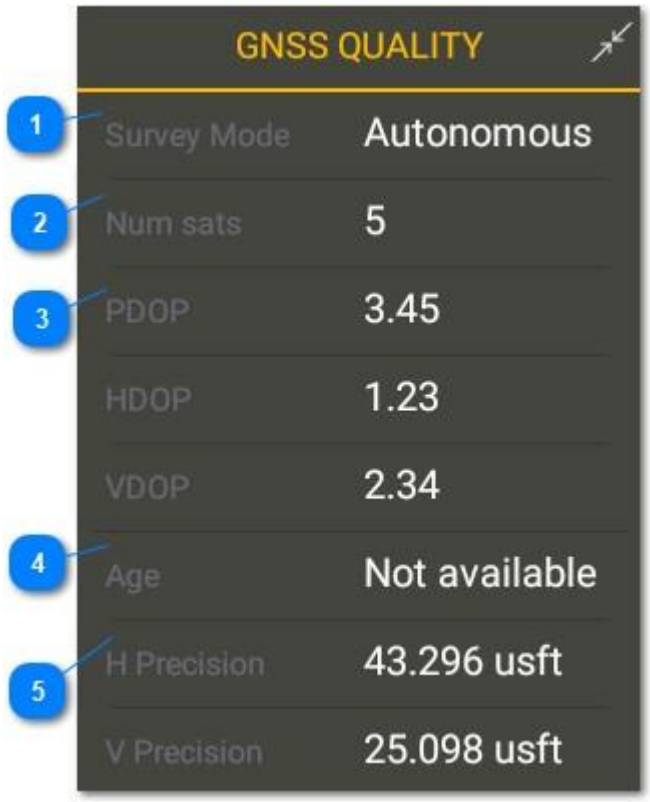
Other widgets might be available based on your system configuration.

Position



1	WGS-84 Geographic Coordinates	Primary position WGS-84 geographic coordinates.
2	Local Grid Coordinates	Local Grid coordinates in project units.
3	WGS-84 Height	Primary position WGS-84 height in project units.
4	Local Height	If your project contains a geoid model, then this is your local height in project units. Otherwise, it is not available.
5	DEM Height	If your project includes a Digital Elevation Model (DEM), then the computed DEM height in project units is displayed here.

GNSS Quality

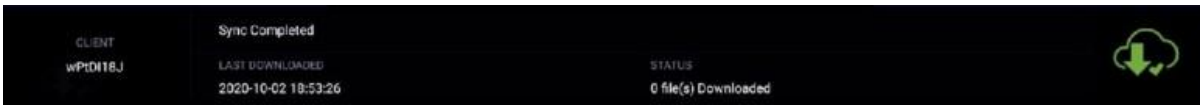


1	Survey mode	Current survey mode
2	Satellites	Number of satellites being used by the GNSS receiver
3	DOP	In general terms, the multiplicative effect of current satellite geometry on the precision of the position
4	Age	If supported by the survey mode, the age of corrections in seconds
5	Precision	Horizontal and Vertical precision—in general terms, the position precision based on a function consisting of range precision and satellite geometry.

Cloud Sync Status

Only available to enable if Wi-Fi is turned on/connected. This widget is used to display the connectivity status to GuidEx Connect. It is displayed when actively logged into GuidEx Connect.

Tapping on the widget when logged in, opens the following status bar. To close this info bar, tap the inside of the bar.



Displayed when previously logged into GuidEx Connect, but then connectivity is lost.

Displayed if there is a failure in logging into GuidEx Connect due to a credentials issue. Tapping on the widget when log in has failed, opens the following status bar, which shows the **RETRY** option to retry the login. However, this often requires validating the login credentials in the XML file.

Pitch Roll Heading

Used to display the machine's heading, pitch, and roll information that is being reported by the Inertial Measuring Unit (IMU).

> **NOTE –** If the IMU is not aligned, all fields will read IMU Not Aligned. To align the IMU, simply drive a short distance in order for gyros in the IMU to align, then proper values will begin reporting. Use the **Reset** button if the behavior of the IMU becomes troublesome. This resets the IMU to 0,0,0; it will then take a few moments to adjust

In machine management, pitch and roll threshold values can be viewed. These values are defined in Config XML files. Also, the axis depiction around the vehicle on the widget changes from green to red. Regardless of whether the widget is displayed or not, you will receive a warning each time a threshold is exceeded.