



Advanced & Other Settings Explained

Fixation Window: Increase the size of the fixation window to make target selection easier for users with ocular motor or visual attention issues that may be impacting their ability to select targets. Decrease the size of the fixation window to improve the precision of the selection made for more advanced users.

If you increase the number, less stability of the individual's gaze is required. You can increase or decrease each axis independently. For example if a user has a mild to moderate lateral nystagmus, you may increase the fixation window along the (x) axis and maintain the default settings along the (y) axis. This would give the user some level of compensation for their uncontrolled movement.

Another example would be that if a user has difficulty with vertical movement of the eye and they need greater tolerance along the y axis, than you increase the fixation window's (y) axis setting.

The Fixation Window is the area in which fixations are detected. Fixation default setting is 50px by 50px (NEW DEFAULT SETTING should be 200px by 200px) and can be ranged from 1px to 600px. The smaller the fixation window, the greater amount of stability will be required to make a selection. The larger the window the faster a selection will be detected. The fixation window allows you to balance precision and robustness.

The fixation window only applies to the pointer in Nuvoice and selections made in Windows. The fixation window has no bearing on the cursor.

- **Fixation Window X:** this is the horizontal or width of the window, this increased the depth of the target making it easier to select horizontally.
- **Fixation Window Y:** this is the vertical or depth of the window, this increases the depth of the target making it easier to select vertically.
- **Default geometry:** this resets the camera to 0 degrees.
- **Camera Angle (deg):** angles the camera from 0 to 25 degrees
- **Reset Eyegaze Settings to Default:** this option resets all the eyegaze settings to the best default settings.
- **Copy Current Settings to All Areas:** this allows you to copy all the calibrated setting to the other 5 user areas in the device.

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