Smartbox

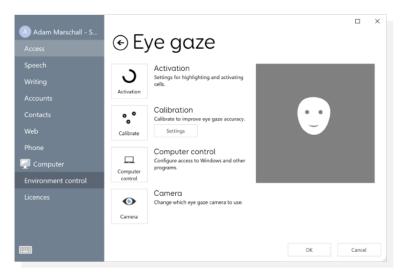
Lesson 3.6 Eye gaze settings

Grid is compatible with all forms of access. Eye gaze is often seen as the most flexible access method, used across a variety of conditions and abilities.

If your eye gaze camera has not been installed, please follow the installation documentation supplied with the camera to install the software and connect to your device.

Eye gaze settings

In Grid Explorer, open the Menu and select Settings (or press F10). Then Access > Eye gaze



Camera

You use this menu to select the camera you want to use with Grid. You can select from the drop-down list of supported cameras. You can also access camera specific settings from inside this menu, for example:

- Number of eyes tracked
- Smoothing
- Indicator lights

Smartbox Kat Access Speech	⊙ Camera		×
Writing Accounts Contacts Web Phone	None • None \widehat{V} Alea \widehat{S} Eyegaze Edge $+$ _ EyeTech		
Computer Environment control Licences	 O Irisbond G MyGaze ✓ SeeTech ✓ Tobii 	Cancel	

Activation

This menu houses the settings to configure how the eye gaze camera works with Grid.

Adam Marschall - S Access	⊙ Eye gaze	_ ×
Speech Writing Accounts Contacts Web Phone Phone Environment control Licences	Activate Devel to click Show cicular progress bar during dwell Activate after 1 second Off Fast typing on letter cells Prevent repeat activations within 0 seconds Off Allow repeat activations on the same cell	Highlighting No visual highlight Don't show eye gaze dot No sound when highlighting Off Play sound when activated
	Restore Defaults Test	OK Cancel

The **Activate** settings change how the user will select cells inside Grid. The first drop down menu offers a selection of 3 access options:

- Dwell to click holding gaze on a cell to activate it
- Blink to click blinking for a specified amount of time to activate a cell
- Switch to click pressing a pre-programmed switch will activate a cell

Highlighting:

This alters what happens when a cell is dwelt on. Choose from;

- Highlighting border
- Highlighting background
- Magnification

It is also possible to turn on an eye gaze dot. This acts as a visual representation of the focus of the users' gaze.

You can also activate auditory feedback on highlighting which will read the label of the cell the user is looking at.

Calibration

Selecting the Calibrate button will automatically start an eye gaze calibration within Grid. This process requires the user to follow and focus on a dot as it appears on the screen. This helps ensure accuracy from the camera.

Adam Marschall - S Access	⊙ Calibrati	on		×
Speech Writing	Calibration	Circle		
Accounts Contacts	Continuous calibration *	Background		
Web Phone	+	Target Size - normal		
Computer Environment control				
Licences				
		ОК	Cancel	

Calibration is fully customisable with the following parameters being fully customisable:

- Number of calibration points
- Speed of dwell
- Speed of movement of the dots
- Style of calibration point
- Whether the calibration is automatic

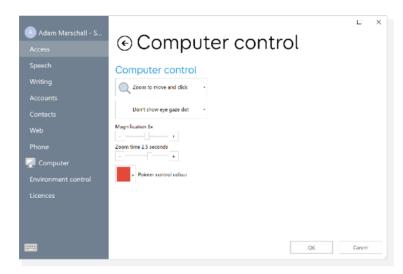
Tip: You can use a custom picture for calibration. Select **Custom Image** from the top dropdown menu.

Computer Control

This menu allows you to change how the eye gaze camera interacts with Grid when using a computer control grid set.

Adam Marschall - S		п	×
Access	⊙ Computer control		
Speech	Computer control		
Writing	Zoom to move and click *		
Accounts	No pointer control		
Contacts	Move pointer, no click		
Web			
Phone	Move pointer, switch to click		
Computer	Move pointer, blink to click		
Environment control	Move pointer, dwell to click		
Licences	O Dwell to move and click		
	Q Zoom to move and click		
	OK .	Cancel	

The drop-down menus allow you to specify how the user will activate a click as well as turn on the eye gaze dot.



The sliders beneath change depending on which activation method is selected from the first drop down box.