

360 window

Navigation

Drag the mouse	Rotate (3D view) or pan (projection view)
Scroll the mouse wheel	Zoom in/out
Shift + drag	Pan

Tracing/detecting

Ctrl + mouse wheel	Detect somas (interactive): Change the size of the search region
	Trace trees (manual): Adjust line thickness
Ctrl + Z	Trace trees (interactive): Undo last click / Undo first point placed
	Trace trees (manual): Undo last point placed

Editing

Right-click once	Trace trees (interactive): End tree
Ctrl + Z	Edit trees: undo move point
	Edit trees: undo detach
	Edit trees Undo point thickness
	Edit spines: Undo delete spine
Ctrl + click	Add an object to a selection
Ctrl + drag	Draw marquee to select multiple objects (points, spines, synapses)

Classic window

File commands

Save a file with a new name	Ctrl+A
Start a new file	Ctrl+N
Open an existing data file	Ctrl+O
Print the current file	Ctrl+P
Save the current file	Ctrl+S

Movement commands

Use these keys with Meander Scan, Linear Scan, or a stereological probe:	
Next Scan Site	F2
Previous Scan Site	Ctrl+F2
These keys work in both live and acquired image modes:	
Move Left	← (left arrow key)
Move Right	→ (right arrow key)
Move Up	↑ (up arrow key)
Move Down	↓ (down arrow key)

Image commands

Acquire an image stack	Ctrl+H
Display first image in the stack	Home key
Display last image in the stack	End key
Display next image in the stack	Page Up
Display the previous image in the stack	Page Down
Delete the image stack plane	Alt+U
Display Min projection	Ctrl+Shift+M
Display Max projection	Ctrl+M
Image Montage Tools	Ctrl+I
Display all color channels	F9
Display red channel	F10
Display green channel	F11
Display blue channel	F12

Serial section commands

Next serial section	Alt+Down arrow key
Previous serial section	Alt+Up arrow key
Align serial sections for 3D reconstruction	Ctrl+F

Cursor commands

These keys control the cross-hair cursor. Use the mouse wheel with mouse wheel focus turned off to adjust the circular cursor's size.

Increase cross-hair size	Ctrl+Up arrow
Decrease cross-hair size	Ctrl+Down arrow
Make cross-hair thinner	Ctrl+Left arrow
Make cross-hair thicker	Ctrl+Right arrow

Tracing commands

Select the previous contour type	Alt+B
Select the next contour type	Alt+N
Previous marker type (in marker placement mode)	Alt+B
Next marker type (in marker placement mode)	Alt+N
Close current contour	C
End open contour	Esc
Hide/show tracing	Ctrl+T

Editing commands

Copy the selection	Ctrl+C or Ctrl+Insert
Paste the contents of the Windows Clipboard	Ctrl+V or Shift+Insert
Delete the selection	Del
Undo the last edit action	Ctrl+Z

Neuron tracing commands

Hide/show the tracing	Ctrl+T
Add a node	Ctrl+Alt+A
Add a tree ending	Ctrl+Alt+E
Add a spine to a tree	Ctrl+Alt+S
Add a trifurcating node	Ctrl+Alt+T
Place a varicosity	Ctrl+Alt+V

Miscellaneous

Set the Z meter to 0	Alt+S
Zoom in	Ctrl + "+"
Zoom out	Ctrl + "-"
Refresh display	F5
Toggle live video	Ctrl+L

Adding a custom shortcut key

To add a custom shortcut key for a menu command, toolbar button, or marker:

1. Right-click any of the toolbars and select **Customize**.
2. Click the **Keyboard** tab .
3. Select a category for the command you wish to create a hot key for from the drop-down menu (select **All Commands** if you don't know the category)
4. Select the command from the **Commands** list on the left (markers and toolbar buttons are listed under the **All Commands** category)
5. Enter the desired shortcut key in the **Press a new shortcut key** box and click **Assign**.