



Example Frozen Image Control Buttons

Using the Tablet

The uSmart3200T system does not include a mouse or keyboard. You can add these devices if you want by connecting them to the tablet or dock USB ports.

The onscreen controls can be operated with a finger, but using a capacitive-touch stylus allows greater control. Tapping with a fingernail may not work.

When you need to enter text in a text field, tap the field, and a keyboard appears on the screen. Tapping the Text button also opens the onscreen keyboard.

To open context menus that would open with a right-mouse-button click in a non-touch system, tap the onscreen item and hold your finger or stylus on it. A circle appears around the item and the context menu opens.

Controlling Imaging Using Gestures

The touch screen software includes numerous functions that are controlled by finger movements called gestures. When your fingers are touching the screen, you can use these functions, according to the following illustration and tables.



Standard Windows Gestures

Gestures for Controlling the Imaging Screen

Command	Gesture
Image Scroll	Use 1 finger to drag left and right to scroll image frame or time series on a frozen image.
Zoom And Pan	Use 2 fingers spread and drag to zoom and pan image at the same time.
*** UnZoom	Use two finger pinch quickly to unzoom.
Steer Ultrasound Cursor	Use 1 finger to flick left and right on B-Mode image when ultrasound cursor is visible.
Steer Color ROI	Use 1 finger to flick left and right outside of Color ROI to steer.
Steer Sample Volume	Use 1 finger to flick left and right in the time series image to steer the sample volume. For 2D/Spectral and Spectral/2D, use 1 finger to flick left and right at the bottom of 2D image to steer.
Steer Ultrasound Cursor	Use 1 finger to flick left and right on 2D or Color image to steer.
Full Screen Image Display	Use 3 or more fingers spread and pinch go in and out full screen.
Freeze/Live	Use 2 fingers tap to freeze. (On fingers up) Use 2 fingers to tap on paused image to unfreeze. (On fingers up)
Play/Pause	Use 1 finger tap on frame slider to toggle play and pause.
Depth	Use one finger flick up and down on image to decrease and increase depth respectively.
Split Screen	Use two finger flick to left to split with right screen active. Use tow finger flick to right to split with left screen active.
Unsplit Screen	When in split screen, use two finger flick left or right will unsplit.
Split Screen Toggle	Tap on image to select active side. Toggle on finger up.
Begin PWD Mode	Double tap on image to go to PWD or Triplex mode from B-Mode or Color with sample volume at the tapped location.

Gestures for Controlling the Imaging Screen (Continued)

ROI	Use one finger to touch and drag the inside of ROI to move to different location. Touch and drag the corner of ROI to resize.
Scale	Tap top and bottom in the velocity axis to increase and decrease scale of PWD.
Spectral Baseline	Drag image up and down to change the baseline position.
Ultrasound Cursor	Press and tap in B-Mode or Color to show cursor. Tap again to keep Cursor on image so that you can flick at bottom of image to steer. Double Tap with second finger to go to PWD or Triplex. Press and tap again to hide ultrasound cursor.
Sample Volume	Touch and drag the sample volume. Touch near the cursor line will also select the sample volume for moving.
Caliper	Use mouse cursor to move caliper. Left click to place caliper marker. Once measurement is done, click on marker again to enable repositioning of marker. Use touch with 1 finger to make measurement. Use second finger tap to place the caliper. Or Release the first finger to place caliper marker. Tap marker again to enable repositioning of marker.
Trace	See Caliper for details.
Ellipse	See Caliper for details. Click on minor axis to resize
Text	Touch near or on text to select and drag to move text. Tap away from text to end text edit.
Text Arrow	While in text mode, use press and tap to show text arrow.
Body Marker	Select softkey Marker Position then touch and drag body marker to different position.
Body Marker Probe Indicator	Touch body marker to enable probe position. Press and tap gesture to switch to probe orient. Tap away from body marker to end edit.
Arrow Marker	Touch arrow marker to enable marker position. Press and Tap to change to marker rotation. Tap away from Arrow Marker to end edit.
Next/Prev Screen	Use 3 fingers to flick left and right. Limited to change between image and review screen.
Scroll Frame	Tap left side of image to scroll to previous frame of a paused cineloop. Tap right side of image to scroll to next frame
Velocity	Tap on top and bottom half color bar to change velocity.
Auto Scroll Frame	Add a timer to auto scroll frame of a paused cineloop when finger is down. When down on left side, it is scroll back to previous frame. When down on right side on image, it will scroll to next frame.

Gestures for Controlling the Imaging Screen (Continued)

Edit Start/End Frame	Press and hold on side of frame slider to set start and end marker.
Sector Resize	Touch the marker and drag in a phase or curve image to resize.
Sector Move	Touch the bottom of the image and drag to move the sector.
Unzoom	Use two fingers to pinch quickly together
Pan Zoom Image	Use one finger to pan zoom image.

Gestures for Controlling the Review Screen

Commands	Gestures
Prev/Next image	Use 2 fingers flick left and right to select previous and next image. Tap on left and right side of image to select previous or next image for review. Use 2 fingers tap on left half and right half of image to select previous and next image respectively.
Play/Pause	Use 1 finger tap on frame slider to toggle play and pause. Use two finger tap on image to toggle play and pause.
Caliper, Text and Body Markers	Similar to Image Screen
Scroll To Next Image	Tap left and right of image to next frame in image screen and next image for review screen
Prev/Next Frame	Tap next to frame slider on left and right for previous and next frame.
Fast Forward To Start/End Frame.	Press and hold on end of frame slider to move Start and End edit marker to start and end position.

Gestures for Controlling the Thumbnail Screen

Commands	Gestures
Scrolling	Use 1 finger drag up and down to scroll.
Select	Tap to select image. Image is selected on finger up (Added 4 fingers tap to play and pause, may remove it).
Right Click	Use "Press and Hold" or "Press and Tap" gesture in small and large thumbnail windows to bring up context menu.