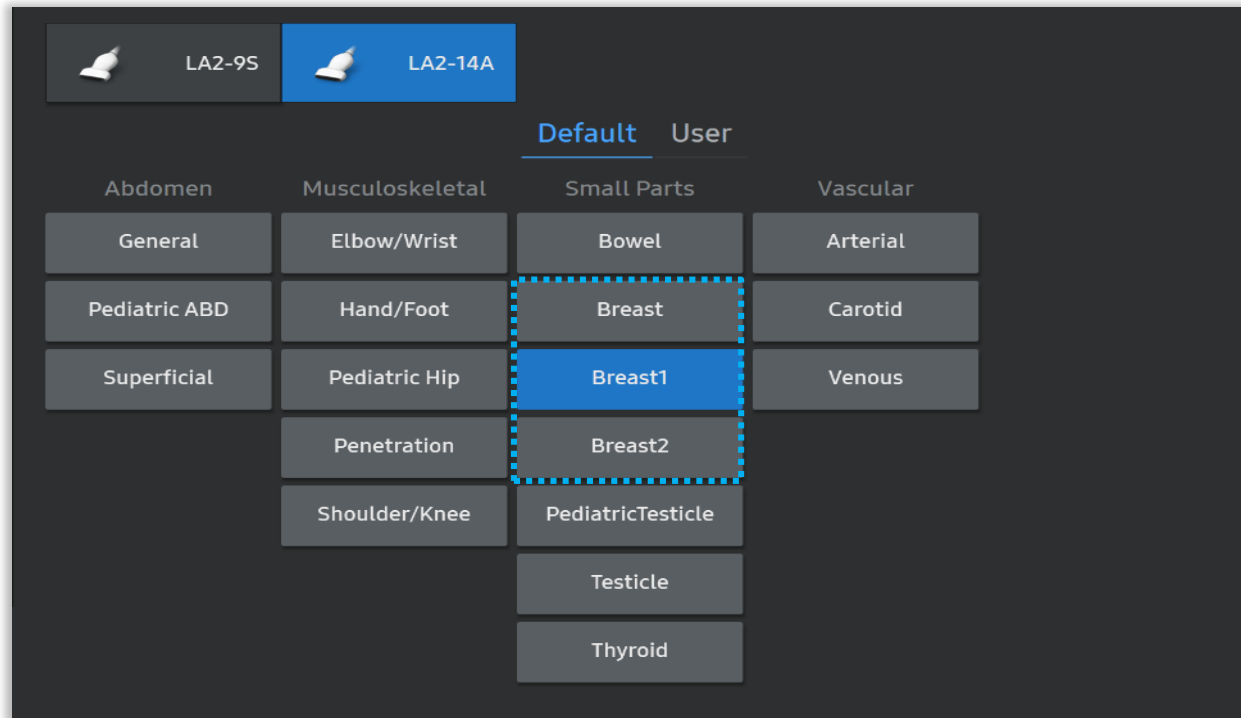


## Live BreastAssist™

### RS85 Prestige User Quick Guide



# 1. Probe and Preset

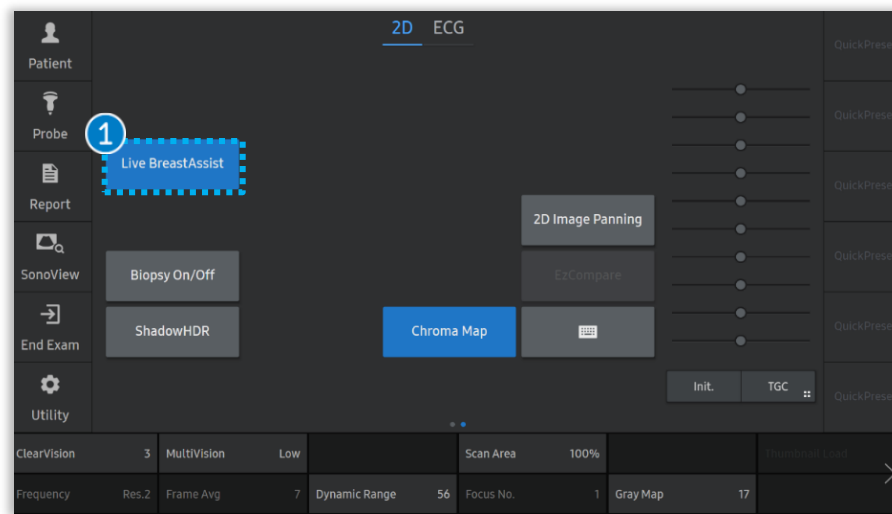


※ Available application and preset

<b>Probe</b>	All Linear Probe (Except LA3-16AI)
<b>Application</b>	Small Parts
<b>Preset</b>	Breast, Breast1, Breast2

※ Adv. Breast, Dense Breast presets are also available in LM2-18 Probe

## 2. Start Live BreastAssist™



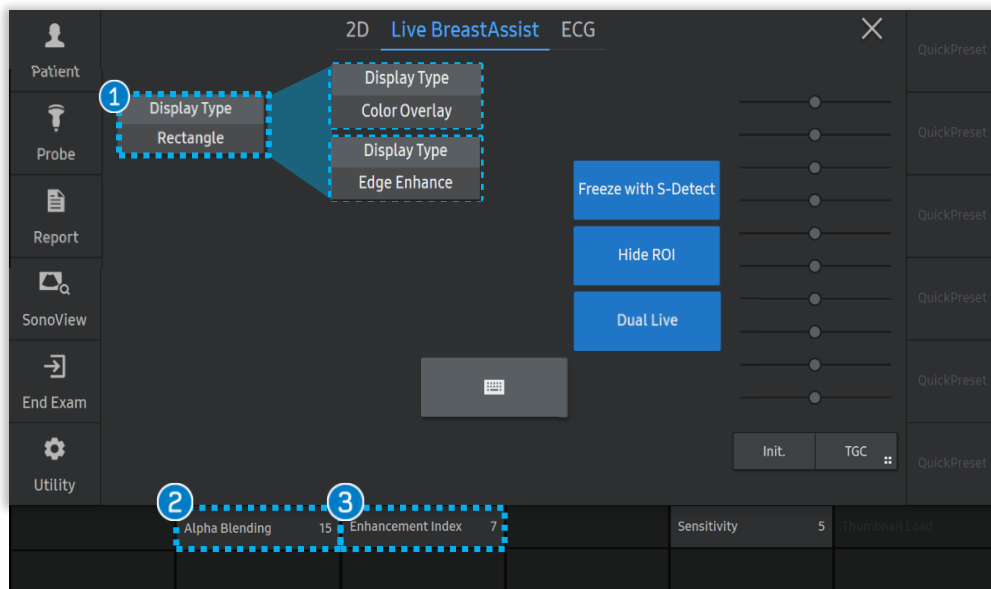
### 1 Live BreastAssist

Select the [Live BreastAssist] button on the touch screen.

### Notes

- Adjustable B-Mode Parameters are [Gain] & [TGC].
- Detection rate can be affected by Gain, TGC control. It would be decreased if image Gain is too low.
- Dynamic Range would not give an affect to the Live BreastAssist™'s detection ability.
- Frame rate can drops in ShadowHDR™.
- When it detects both normal tissue like a fat and lesion together, slightly changing the probe angle would be helpful to exclude the ROI on the normal tissue while maintain the lesion ROI.
- [Live BreastAssist] ON status can be saved on User preset, to run it automatically with a specific preset.

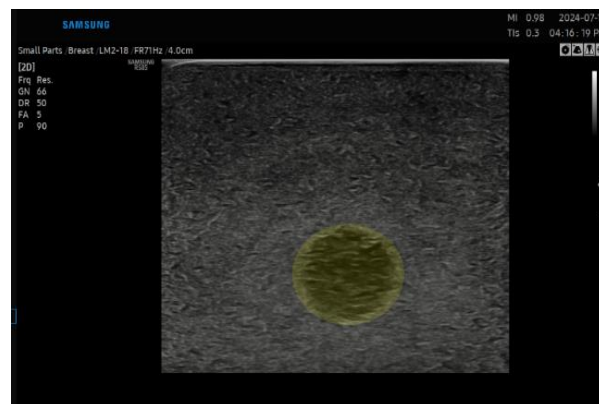
# 3. Display type



① Display Type	Rectangle	ROI box will be appeared on suspicious area.
	Color Overlay	Overlay color will be appeared on suspicious area.
	Edge Enhance	The enhanced image will be appeared on suspicious area.
② Alpha Blending		User can set the transparency. (Range 1-100, Default 15) <i>* Only activate it with Color Overlay type</i>
③ Enhancement index		User can set the edge strength. (Range 1-10, Default 7) <i>* Only activate it with Edge Enhance type</i>



Rectangle

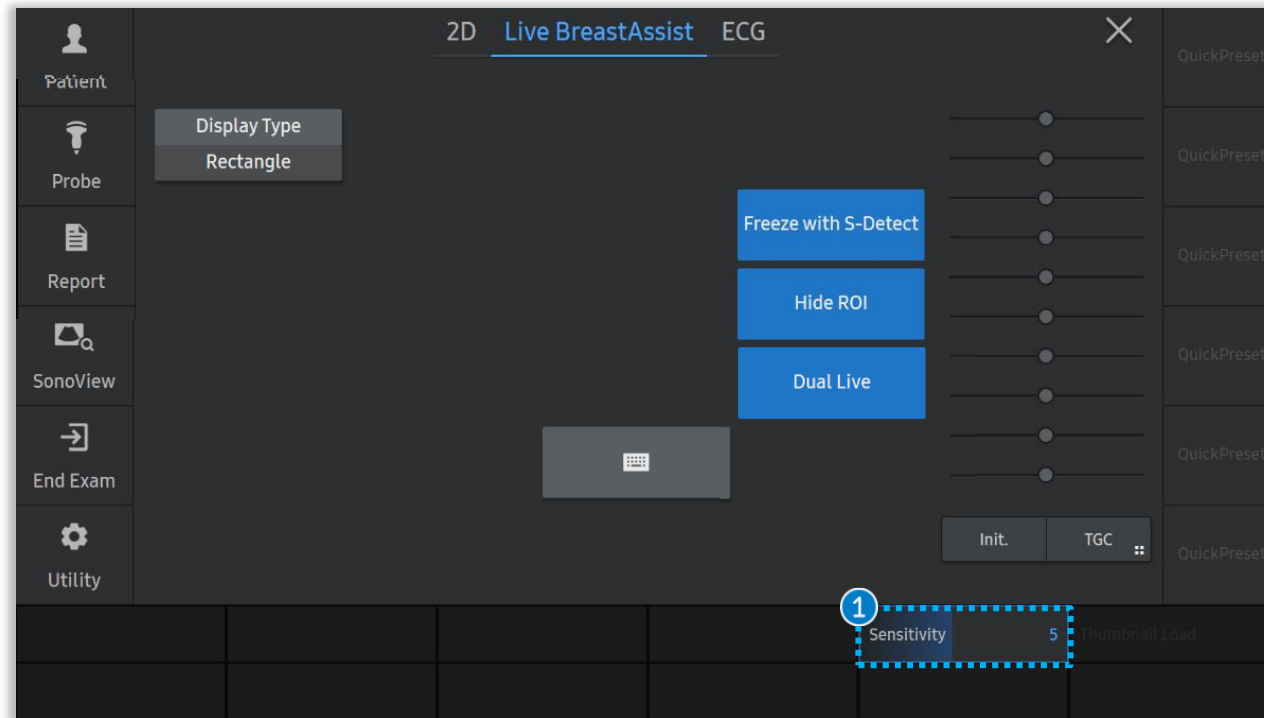


Color Overlay



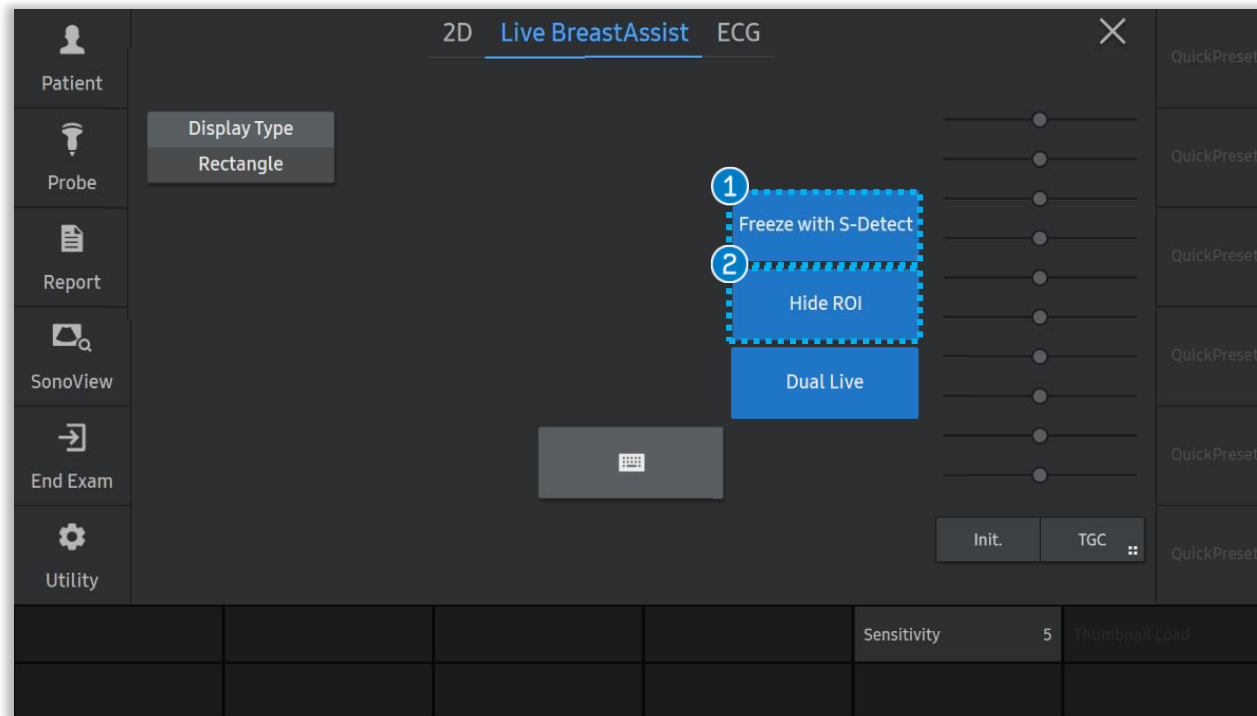
Edge Enhance

# 4. Parameter - Sensitivity



1 Sensitivity (Index 1-10)	Sensitivity 1	Sensitivity 3	Sensitivity 4	Sensitivity 5	Sensitivity 10
	<b>Low Index</b>	<b>Index 3 to 4</b>	<b>Index 4 to 5</b>	<b>Default Index (Recommend to Use)</b>	<b>The closer to 10</b>
	Lactating or Dense breast patients to minimize the multiple ROI interference.	For general examination.	For medical check-up.		The Higher the Sensitivity and Detection Rate.

# 5. Touch Screen



## 1 Freeze with S-Detect

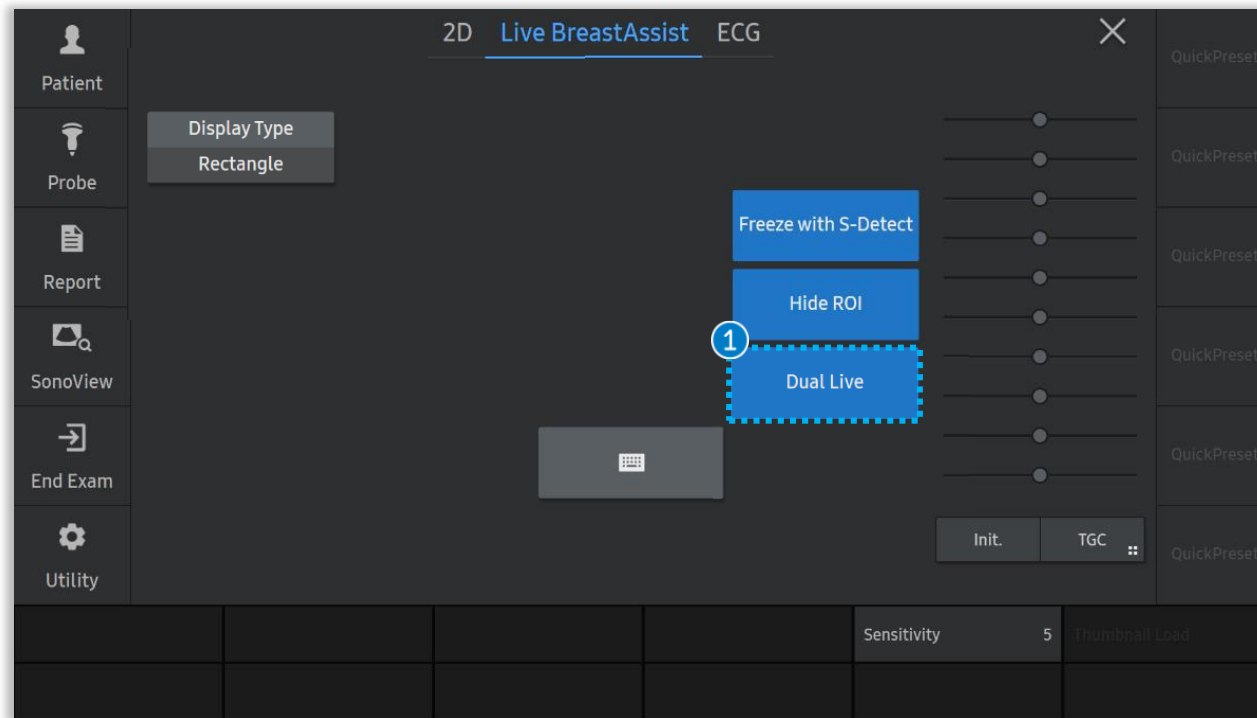
[S-Detect for Breast] will be automatically activated on Freeze.

## 2 Hide ROI

To hide a target ROI and then focus on the B-Mode image.

※ [Freeze with S-Detect] ON status can be saved on User preset, to run it automatically with a specific preset.

# 5. Touch Screen



## 1 Dual Live

Dual live mode is to display both [2D mode / Color mode] and [Live BreastAssist].

※ The default is dual live mode.

- The features, options may not be commercially available in some countries.
- Sales and shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative for further details.
- This Quick guide does not include all of the details of instruction, for more detail, please refer to RS85 User Manual.
- Do not distribute this document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This User Quick Guide is based on RS85 V2.08.01
- Disclaimer: Some Images in this content were obtained from other system.

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