

How to Change Bit Depth in LASX Software

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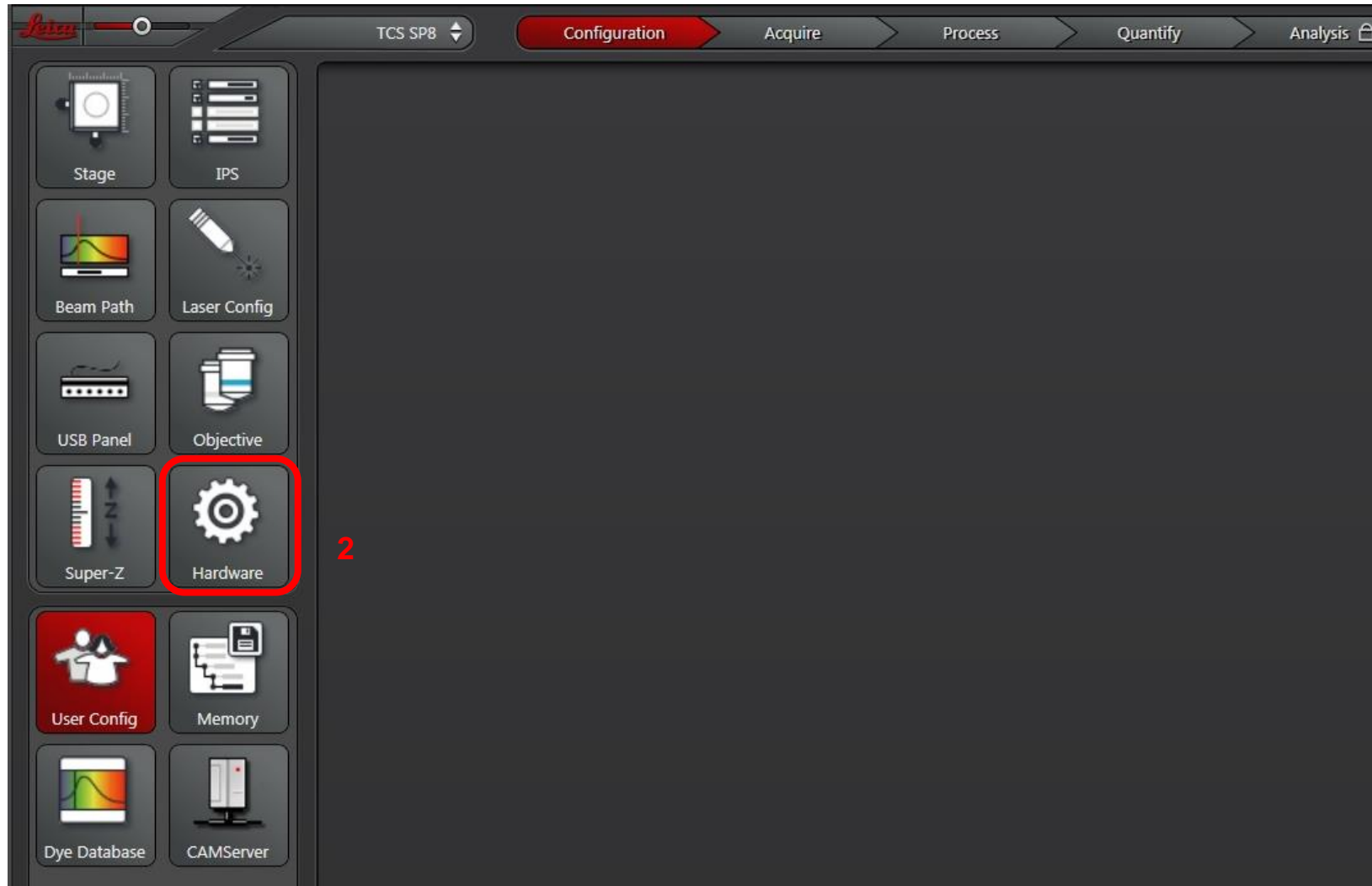
1. Click Configuration.

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The screenshot displays the Leica SP8 software interface. The top navigation bar includes 'Configuration', 'Acquire', 'Process', 'Quantify', and 'Analysis'. The 'Configuration' tab is highlighted with a red box and the number '1'. The interface is divided into several panels:

- Left Panel (Acquisition):** Contains settings for Acquisition Mode (xyz), XY-512x512 | 400 Hz | 1.00 | 1.00 AU, Format (912 x 912), Speed (400), Bi-directional X, Zoom Factor (1.00), Image Size (4.65 mm x 4.65 mm), Pixel Size (9.1 μm x 9.1 μm), Optical Section (236.046 μm), Line Average (1), Line Accu (1), Frame Average (1), Frame Accu (1), Auto Gain, Rotation (0.00), Pinhole, Z-Stack (Begin, End, Z-Position [μm]: 0.00, Z-Size [μm]: 0.00, Re-Center, z-Galvo), Nr. of Steps (1), Z-Step Size (0.00), System Optimized, Z-Compensation (none), Galvo Flow, and Travel Range [μm] (500).
- Top Center Panel:** Shows 'Load | Save | Roi' options, 'Load/Save single setting: Leika Settings', 'ROI: OFF', 'Set Background: OFF', and 'Bleedpoint: OFF'. It also features two vertical sliders for 'UV' (0.00, 405) and 'Visible' (0.00, 488, 552, 638).
- Center Panel:** Displays 'Objective: HC PL FLOUTAR 2.5x/0.07 DRY', 'Beamsplitter: TD 488/552/638' (checked), 'Autoselect', 'Fluo Turret: Scan-BF', and 'Specimen'.
- Bottom Center Panel:** Shows an 'Internal' section with a color scale from 400 to 800 nm. Below it are three detector channels: 'HyD 1' (Gain [V]: 100.0, Standard, None), 'PMT 2' (Gain [V]: 0.0, Offset [%]: 0.00, None), and 'HyD 3' (Gain [V]: 100.0, Standard, None).
- Right Panel:** Contains 'Annotations' and a toolbar with various icons for image manipulation.
- Bottom Bar:** Includes 'Autofocus', 'Live', 'Capture Image', 'Start', and a scale bar 'μm'. The system tray shows '0:0:0:0' and '9:27 AM'.

2. Click Hardware.



3. Under Resolution you will see Bit Depth.
4. The drop down menu allows you to change the Bit Depth. Note: 16 Bit Depth will only work when in photon counting mode.

