

MOTION AMPLIFICATION®

5.1 Software Update



MODAL ANALYSIS WORKFLOW IMPROVEMENTS

IRIS MA™ Now Works Directly in Modal Amplified™

Users gain a faster high-speed camera path for modal testing. The IRIS MA™ is now natively supported inside the Modal Amplified™ workflow, with a Thunderbolt connection that delivers much faster sample downloads than prior camera options. This is a meaningful time savings on modal tests where individual samples can run into tens of gigabytes.

Modal Projects Integrated into Motion Explorer

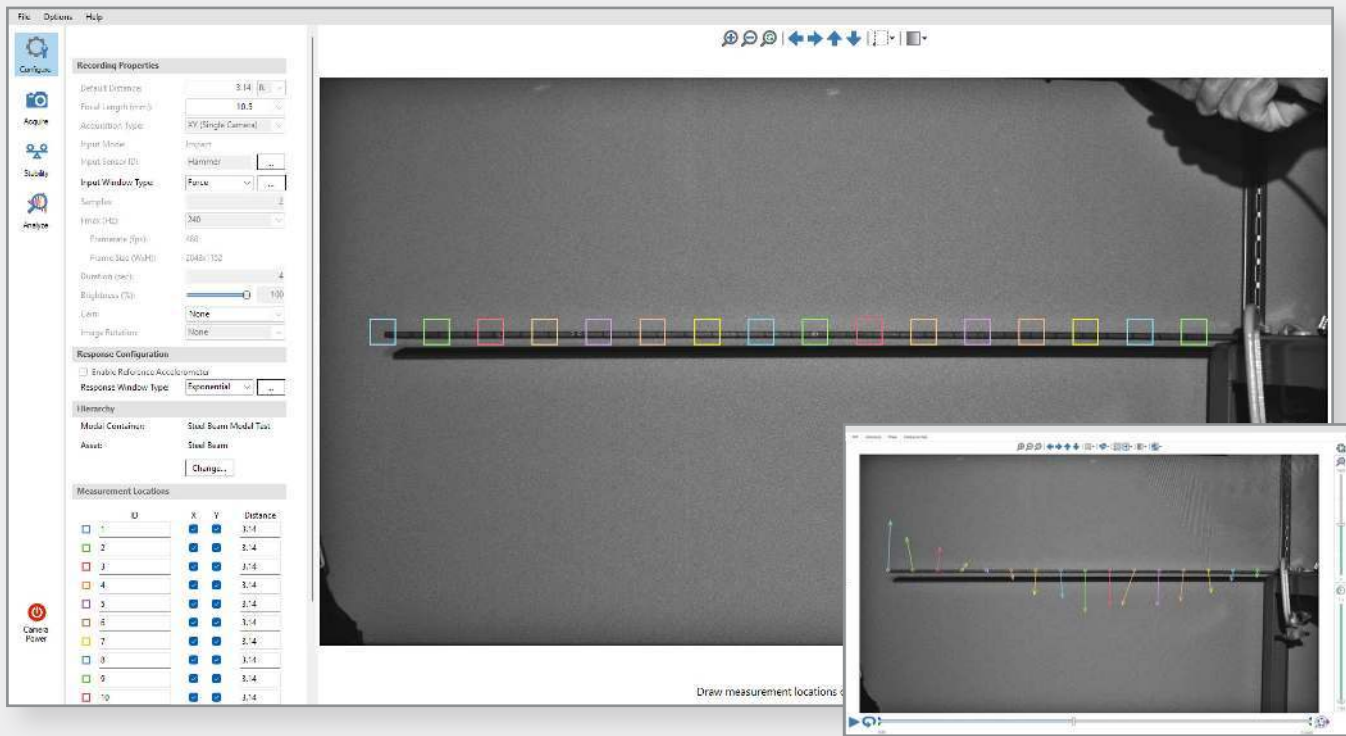
Modal Amplified™ is no longer a standalone application. Users can now organize, access, and manage all their modal work alongside the rest of their data in a single, unified workflow, reducing tool-switching and the feeling that modal analysis lives in a separate silo.

Auto-Generation of Derived Measurements

Less time spent manually creating secondary and derived measurements means more time interpreting results. This is especially valuable for teams running repeatable test workflows, where setup and post-processing efficiency compound across every test.

v5.1 helps users complete modal analysis faster, organize modal projects more naturally, set up measurement locations with less manual effort, and create cleaner, customer-ready visual deliverables.





FASTER, MORE CONSISTENT TEST SETUP

Create Location Array — Users can now generate entire rows and columns of measurement locations in a single step. The workflow is intuitive; right-click in the workspace, draw a bounding box over the test area, and enter the desired number of rows and columns. The software produces the full symmetrical grid instantly. What used to take dozens of manual clicks is nearly instant, freeing teams to focus on analysis rather than setup.

Fixed-Size Locations and Fixed-Size ROIs — Define ROI width and height once in preferences, then place consistent, repeatable measurement ROIs with a single Alt-Click for rapid drop-in placement. This improves data quality and consistency across an entire test by eliminating the variation that naturally creeps in with hand-drawn ROI sizes. A meaningful win for repeatable, audit-friendly measurement workflows.

BETTER DELIVERABLES & SHARING

App-Level GIF Creation

It is a lightweight in visualization of the true data directly from Motion Amplification® workflow, now with application-level preferences for the single-click GIF function, including quality settings (Very Low through High) and size presets (SD, HD, FHD). Ideal for showing motion behavior in emails, chats, or quick reports without producing a full MP4. This small change makes day-to-day communication of findings dramatically easier.

Improved MP4 Cropping

The crop tool is now available even when the recording isn't zoomed, and users can either manually specify the export region or accept the current view as the default. The tool

works equally well across desktop and touch interfaces, so technicians can crop and export from a tablet on the plant floor. The result is cleaner deliverables that stay focused on the motion or asset that matters most to the customer.

Embedded Images in HTML Reporting

Images and GIFs are now embedded directly into the HTML report rather than linked as external files. Reports are easier to move, share, and preserve. Recipients see everything as intended, without broken links or missing assets.

See It. Show It. Fix It.