

## Iris Platform Software Updates - Feature Lists

### v1.0 - Sep 2016

- Motion Acquisition
- Motion Amplification

### v1.1 - Dec 2016

Motion Amplification

- Displacement/frequency can be measured

### v1.3 - March 2017

Motion Amplification

- Stabilization

### v1.4 - May 2017

Motion Amplification

- Orbit capability

### v2.0 - Sep 2017

Motion Amplification

- Freq-based Filtering

### v2.1 - Dec 2017

Motion Explorer (New Application)

Motion Acquisition:

- Rotate Image
- Multiple Distance Measurements

Motion Amplification

- Region Based Amplification

### v2.2 - May 2018

Motion Explorer

- Bulk filter recordings

Motion Amplification

- FFT only portion of waveform / dynamic fft update

### v2.3 - Sep 2018

Motion Studio (New Application)

Motion Acquisition

- Toolbar above image centered and locked

Motion Amplification

- MP4 export capabilities more robust
- Annotations capabilities reworked to be generally consistent with current Microsoft Office

### v2.4 - Dec 2018

Motion Acquisition

- MX camera (System Add On)

### v2.5 - Aug 2019

Motion Explorer

- Batch amplification within a Collection

Motion Acquisition

- Shaft Speed Detection
- Shaft Inspection
- High Density

Motion Amplification

- Additional export options
  - o Quality / bit rate (L, M, H)
  - o Output frame size (SD, HD, Full HD)
- Trim duration of recording
- Calculate/display relative phase
- Shaft Edge Calculations (Horiz and Vert)



## Iris Platform Software Updates - Feature Lists

### v3.0 - May 2020

#### Motion Acquisition

- Live Motion Amplification

#### Motion Amplification

- Motion Vectors
- Transient ROI / Feature Track
- Transient Motion Amplification
- Top Frequency Filtering
- Extreme Amplification
- Motion Map

### v3.1 - Nov 2020

#### Motion Acquisition:

- Triggering
- Live ROI
- Long Term Record
- Thresholding
- Photron and Vision

#### Research Cameras

#### IRIS CM (New System Add on)

- Major Iris CM Feature Additions

#### Motion Amplification:

- HDR (High Density Recording)

### v3.2 - April 2021

#### Motion Acquisition:

- Colour Camera (System Add On)
- Tac Sync Recordings (System Add On)

#### Motion Amplification:

- Phase Map
- Stabilization Improvement
- Difference Plots
- New Annotations: Logo, Ruler and Protractor

#### Motion Studio:

- Audio Recordings

### v3.3 - September 2021

#### Motion Acquisition:

- IRIS M Acquisition Assistant

#### Motion Amplification:

- Historical Data Analysis
- IRIS CM Measurement Historization
- IRIS CM Complex triggers

### v3.4 - Feb /Sept 2022

#### Motion Acquisition:

- 2 Camera IRIS CM (System Add On)
- Iris M Traveler (New System or Add On)
- Iris M + Stereo Vision (System Add On)

- IRIS CM External Network Drive Sync

- Tablet Mode

#### Motion Amplification:

- Tablet Mode
- 3D Measurement Acquisitions
- Z-Axis Displacement Calculations



## Iris Platform Software Updates - Feature Lists

### v3.5 - Nov 2022

#### Motion Acquisition

- Default Distance Pin
- Distance Calculator from Object in Image
- Grid Movement & Re-size
- Timer Acquisition

#### Motion Amplification

- Specify X or Y Component of Motion Vector
- Vectors for Horizontal and Vertical Shaft
- Upper & Lower Limits on Vib Plots
- Create multiple ROI then calculate all at once
- Auto Label MP4, Playback Speed & MA level
- Build Waterfall Spectrum from Waveform
- Motion Phase / Map Regions
- Noise reduction

#### Motion Studio

- Composite Fade In / Out
- Line Scan Before & After MA Shots

#### Motion Explorer

- File Extension, Easier Managing
- Columns, Easier Managing



IRIS M



IRIS MX



TAC Sync



IRIS CM 2 Camera



IRIS Traveler



IRIS M Stereo Vision



Colour Camera

**RDI**  
TECHNOLOGIES