

# Hamamatsu Adaptor for MATLAB®

## Requirements

- Windows 7<sup>1</sup>/8.1<sup>2</sup>/10<sup>2</sup> (32-bit and 64-bit)
  - <sup>1</sup> Requires DCAM v19.12. This is the last version of DCAM-API to support Windows 7.
  - <sup>2</sup> Requires DCAM v19.12 or newer. Latest version of DCAM-API is recommended (<https://dcam-api.com>).
- MATLAB R2020a and higher
- Image Acquisition Toolbox
- DCAM-API for Windows (<https://dcam-api.com>)
- Compatible hardware
  - See DCAM-API for Windows Compatibility Note for the version of DCAM-API being used.

## Release Notes for version 6.2

### Version 6.2

- **Provided support for C1533-10E and G14714 (InGaAs Line Scan Cameras)**
- **Verified support for C15440-20UP (ORCA-Fusion BT)**
- **Fixed ROI when using Binning to prevent ½ image display situation**
- **Fixed Subarray properties values not updating properly when using TDI cameras**
- **Fixed Bits Per Channel property setting to allow selection of 12-bit mode when capability exists**

### Version 6.1

- **Enabled SplitView Mode operation**
- **Add support for Master Pulse Triggering**
- **Provided support for C14440-20UP (ORCA-Fusion)**
- **Provided support for C14120-20P (ORCA-Lightning)**

## Version 6.0 or earlier

- Exposed all V2 DCAM properties for C11440-22C (ORCA-Flash4.0 V2)
- Recompiled for 32 bit version DLL
- Provided support for C11440-42U camera
- Provided support for C11440-36U camera (ORCA Spark)
- Provided support for C13440-20CU camera (ORCA-Flash4.0 V3)
- Provided support all C11440 cameras
- Added support to auto adjust exposure time limits based on subarray mode settings