

# 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 R2022b or previous
- 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 6.5.1

### Version 6.5.1

- Image display for 12-bit and 8-bit mode selection corrected
- Framebyte values for 12-bit and 8-bit mode selection corrected

### Version 6.4

- Bug fix for Bits Per Channel property when using ORCA-Flash4.0 V2 and LT cameras

### Version 6.3

- Provided support for C15550-20UP (ORCA-Quest cameras)
- Fixed bug where output trigger properties were not visible in the Property List for C14440-20UP (ORCA-Fusion cameras)
- Improved MATLAB triggering operations for C15333-10E cameras

### Version 6.2

- Provided support for C15333-10E 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**
- **Added 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**